

# **NOTICE**

**All drawings located at the end of the document.**



**Fourth Quarter RFCA  
Groundwater Monitoring Report  
for Calendar Year 2001**

**Rocky Flats Environmental Technology Site**

**Kaiser-Hill, L.L.C.**

**Review Exemption: CEX-105-01**

**May 2002**



ADMINISTRATIVE

SW-A-004516

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## EXECUTIVE SUMMARY

This report contains results of Integrated Monitoring Plan required groundwater monitoring for the fourth calendar quarter of 2001. Emphasis is placed throughout the presentation on features that are different or noteworthy compared to previous monitoring reports.

The report is organized into seven sections. Section 1 discusses any changes made since the preceding report. Section 2 gives a general overview of sampling for the quarter, data availability and manipulation, procedures and definition of well classes. Results for individual wells and Tier I and Tier II reportable occurrences are presented in Section 3. Required actions based on the current findings and completed actions from previous reports are given in Section 4. References appear in Section 5 and Maps and Trend Plots in Section 6. Quality Assurance issues are discussed in general and specifically with respect to analyte groups in Section 7. Finally, the data for the quarter is presented in the four Appendices.

Nitrate and VOC plume boundaries shown on location maps 1A, 1B and 1C have been changed to reflect those from the 1996 Annual RFCA Groundwater Monitoring Report.

A new table has been added to Section 7, Groundwater Data Quality Assessment. Compared to previous Quarterly Reports, new Table 7-1 provides a more detailed summary of Real, Duplicate and Rinse wells and samples for the quarter.

Groundwater sampling for the Fourth Quarter, 2001 included 98 locations. Of these, 34 locations were completely dry and a further 10 yielded only enough water to collect a partial analytical suite.

There were no reportable results greater than Tier I Action Levels.

In the Fourth Quarter, there were 18 reportable results greater than Tier II Action Levels. There were 14 from seven Plume Extent Wells and four from one RCRA well. No new monthly sampling is planned based on the sampling results for the quarter.

Monthly samples for nitrate/nitrite from Plume Extent well 02197 and for plutonium-239/240 from Plume Extent well 23096 are completed. Results for these locations and analytes indicate that analytes are below Tier II Action Levels for the monthly samples.

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## Acronym List

ACCU	Acculab Inc. (Laboratory), Lakewood, Colorado
ALF	Action Level Framework
Background M2SD	Background mean plus 2 standard deviations (calculated on a site wide basis)
BOA	Basic Ordering Agreement
CAS	Chemical Abstract Service (Assigns a number used to identify analytes that may have multiple common names. The registry number is called a "CAS Number".)
CDPHE	Colorado Department of Public Health and Environment
CLP	Contract Laboratory Program (or Procedure)
CRDL	Contract Required Detection Limit
D&D	Decontamination and Decommissioning
DER	Duplicate Error Ratio (calculated for real/duplicate radionuclide analyses)
DOE	United States Department of Energy
EPA	United States Environmental Protection Agency
GEL	General Engineering Labs Inc., Charleston, South Carolina
Historic M2SD	Historic mean plus 2 standard deviations (calculated on a per well basis)
IHSS	Individual Hazardous Substance Site
IMP	Integrated Monitoring Plan
KH	Kaiser-Hill, LLC
KH-ASD	Kaiser-Hill – Analytical Services Division (Receives data from laboratories, checks it and enters it into the Soil Water Database)
LVLI	New name for RECRL laboratory, Lionsville Laboratory, Inc.
MCL	Maximum Contaminant Level
µg/l or UG/L	microgram per liter
mg/l or MG/L	milligram per liter
PARA	Paragon Analytics, Inc. (Laboratory), Fort Collins, Colorado
PARCC	Precision, Accuracy, Representativeness, Comparability and Completeness
PCB	Polychlorinated Biphenyl
pCi/l or PCI/L	picocurie per liter
PQL	Practical Quantitation Limit
RCRA	Resource Conservation and Recovery Act
RECRL	RECRA Environmental Inc. (Laboratory), Lionsville, Pennsylvania
RFCA	Rocky Flats Cleanup Agreement
RFETS	Rocky Flats Environmental Technology Site
RMRS	Rocky Mountain Remediation Services, LLC
RPD	Relative Percent Difference (calculated for non-radionuclide real/duplicate analyses)
SCA	Sanford Cohen & Associates Laboratory, Montgomery, Alabama
SOP	Standard Operating Procedure
SOW	Statement of Work
SWLO	Southwest Laboratory of Oklahoma
s.l.	"sensu lato" – refers to a general case
s.s.	"sensu stricto" – refers to a specific case
SWD	Soil Water Database
TRPH	Total Recoverable Petroleum Hydrocarbon
TDS	Total Dissolved Solids
Tier I	Analyte specific action level originally defined by RFCA, updated by IMP
Tier II	10 <sup>-2</sup> of Tier I
TPU	Total Propagated Error
TSS	Total Suspended Solids
VOC	Volatile Organic Compound

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## 1.0 INTRODUCTION

This report is required by Section 3.4.B of Attachment 5 of the Final Rocky Flats Cleanup Agreement (RFCA) (EPA, CDPHE, DOE, 1996) and is described in the Integrated Monitoring Plan (IMP) (DOE, 2000).

The DOE/K-H/SSOC team has completed evaluation of Fourth Quarter (October, November, December) 2001 groundwater analytical data using groundwater action level criteria as described in RFCA Attachment 5 (KAISER-HILL, 2000). The sampling for the Fourth Quarter of 2001 reflects the approval of the monitoring well list (CDPHE, Nov. 1996 and EPA, Nov. 1996) and the establishment of semi-annual sampling frequencies. Therefore, only a portion of the RFCA monitoring wells are sampled and reported each quarter. The remainder will be sampled in the following quarter as site conditions allow. RFCA groundwater monitoring locations and sump/drain locations (see below) are included in this report. The locations sampled during the Fourth Quarter, 2001 are listed in Table 3-1. The locations of the sampled sites are shown in Figures 1A, 1B and 1C. Figure 1A gives an overall view of the majority of the Rocky Flats Environmental Technology Site. Figure 1B focuses on just the Industrial Area and Figure 1C focuses on the 700 Buildings area. Note that the Nitrate and VOC Plume boundaries portrayed on Figures 1A, 1B and 1C have been changed to those found in the 1996 Annual RFCA Groundwater Monitoring Report. This change is being made because the 1996 data and plume boundaries derived from it provide a better baseline for comparison of site conditions overall. Subsequent local analyses were not planned as part of a site wide evaluation. If appended to the 1996 data, local analyses may cause unintended confusion regarding plume boundaries.

The following table lists Decontamination and Decommissioning locations sampled for the first time during the Fourth Quarter 2001. Locations in addition to those listed in the table may already be being sampled around the buildings in question.

Building 559	Building 865	Building 881	Building 883	Building 991
55901	86501	37791	83101	99101
56001	86601	39691	83201	99201
56101	86701	5187		99301
56201	BS-865-2	83101		99401
56301		88101		
FD-559-561				

In this report, all locations from the table are being added to the Integrated Monitoring Plan well list (DOE, 2000) as D&D locations associated with their respective buildings.

As was noted in the Third Quarter 2001 Groundwater Report (SSOC, 2002) it was necessary to collect a suite of monthly samples for nitrate/nitrite at well 02197 before it could be removed from the IMP list. Samples collected in February and March (April was dry) of 2002 were below the Tier II Action Level (10 mg/l) and therefore the well will be removed from the list.

In addition to monitoring wells cited in this report nine other locations are included: BS-865-2, FD-559-561, FD-707-4, 771 FD OUT #2, 891COLWEL, SW085, SW13494, SW099, and SW100. BS-865-2 is a footing drain outside Door #1 of Building 865. FD-559-561 is a footing drain accessed via a manhole located north of Building 561 and south of Building 559. FD-707-4 is a footing drain accessed via a manhole off the southeast corner of Building 707. 771 FD OUT #2 is a footing drain outfall for Building 771 located to the west of the building. 891COLWEL is a pump equipped collection well that gets its water from the 881 Hillside above the former French Drain. SW085 is a

footing drain that collects water from the Building 779 Pad area. Building 779 was removed in 2000. SW085 is the only non-IMP location or well included in this report. Location SW13494 is a sump for the footing drain system of the 881 Building; it also is located on the 881 Hillside. Surface water locations SW099 and SW100 are collection boxes associated with the groundwater intercept system for the Present Sanitary Landfill.



## 2.0 METHODS

The Groundwater Monitoring program attempted to collect 678 samples in the Fourth Quarter of 2001 under the Integrated Monitoring Plan (DOE, 2000, see Table 7-7). Because of dry wells and wells with insufficient water, only 388 requests for analysis were actually sent out. There were 243 uncollected samples related to dry wells and 47 related to insufficient water.

By the beginning of April 2001, essentially all Fourth Quarter results (7092 records) were available electronically from the Soil-Water Database (SWD). Fifteen additional dissolved gas records became available within the next two weeks. These were manually compiled from the laboratory report packages. Results for all analyses that were sent out have been returned.

The analytical data are evaluated and classified in the following manner.

- Analytical results are uploaded from SWD into a local MS Access database maintained by the groundwater group.
- Data are examined for their presence/absence and consistency. Duplications and mismatches are excluded.
- Field and laboratory QC data are identified for use in the data quality assessment section (Sec. 7.0) using: Quality Assurance Program Plan For The Groundwater Monitoring Program Rocky Flats Environmental Technology Site, February 5, 2001 (RMRS, 2001).
- Results for all analytes are screened against Tier I and Tier II Action Level Framework (ALF) criteria except for non-detection results (with a "U" laboratory qualifier) or those results rejected in validation/verification (R/R1's).
- Results from Boundary, Drainage, Plume Definition, Plume Extent and downgradient RCRA wells are then classified as reportable or non-reportable. Methods for making these determinations are given in the following bulleted paragraph. Criteria for the determinations are given in the discussion of the IMP Well Classes.
- Plume Degradation and all upgradient and downgradient RCRA wells are evaluated in the Annual Groundwater Reports. Performance monitoring wells although screened against the ALF criteria are not subject to the reportable/non-reportable classification. Analytical baseline values for Decontamination and Decommissioning wells have not been determined at this time.

Calculated ratios between the analytical result and Tier II Action Level, Background M2SD and Historic M2SD are used to identify IMP reportable results as described in the IMP Well Class descriptions. (M2SD = Mean + 2 Standard Deviations)

- The Historic M2SD is calculated and displayed for wells with 5 or more sampling events collected during the years 1991 to 1995. To calculate the Historic M2SDs data are extracted directly from the SWD and/or the local groundwater database.
- Where no Historic M2SD for an analyte in a well is available, an evaluation of the concentration of the analyte over time is made by visual inspection of the associated trend plot if four or more data points are available.
- Because Volatile Organic Compounds and Polychlorinated Biphenyls have zero background concentration they are simply compared to available 1991-1995 Historic M2SDs.
- Results for Metals, Radionuclides and Water Quality Parameters have had background values established and therefore, where ALF values have been exceeded, are compared with the site-wide Background M2SD values and 1991-1995 well-specific Historic M2SD values.
- Background M2SD values for Metals, Water Quality Parameters, tritium and strontium-89/90 are taken from the Background Geochemical Characterization Report (DOE, 1993).

- Background M2SD values for americium-241, plutonium-239/240, uranium-233/234, uranium-235, and uranium-238 are taken from the Draft Background Comparison for Radionuclides in Groundwater Report (DOE, 1997). Background values for cesium-137 and neptunium-237 have not been determined.

Table 3-2 represents a summary of results that are equal to or exceed Tier II Action Levels. Table 3-2 is used to evaluate the reportable and non-reportable results via the Tier II, Background and Historic Ratios as described above. Tier II, Background and Historic ratios are also used to help select analytes and wells which are of interest for site cleanup but which may not be reportable under IMP criteria. Trend plots for reportable occurrences and selected analytes appearing in Table 3-2 can be found in Section 6, Figure 2. A trend plot is not presented if there are less than four data points.

For a given IMP Well Class, determination of whether a result is reportable or non-reportable is as follows.

### **Integrated Monitoring Plan (IMP) Well Class Definitions**

The groundwater monitoring network, as defined in the IMP (DOE, 2000), contains eight categories of monitoring wells. The decision rule sequence presented in the IMP was followed for determining Tier I and II reportable results. The well types and decision rules are defined below:

**Plume Definition Monitoring Wells:** These wells are located within known contaminant plumes and are above Tier II Action Levels, but are below the Tier I Action Levels established in the ALF. A reportable result occurs when a measured concentration exceeds a Tier I Action Level and the Background M2SD value. The required action is to reclassify as a Tier I reportable result well and review historic data for the well to determine if it has been prioritized for remediation/evaluation based on possible impacts to surface water. If data show an increasing trend over a two-year period, or the well has not been previously prioritized for remediation then update the priority for remediation/evaluation.

**Plume Extent Monitoring Wells:** These wells are located at the edges of known groundwater-contaminant plumes, along pathways to surface water. These wells monitor for an increase in concentrations that may result in future impacts to surface water. A reportable result occurs if a measured concentration exceeds a Tier II Action Level and the Background M2SD value. When there are no previous historic reportable results, or when a value exceeds the Historic M2SD concentration in the well, the required action is to initiate monthly sampling. If Action Levels are exceeded for three consecutive months, by the above criteria, then appropriate parties are notified and the possible impacts to surface water are evaluated.

**Drainage Monitoring Wells:** These wells are located in stream drainages, downgradient of contaminant plumes. They have the same programmatic requirements as Plume Extent wells under the IMP. A reportable result occurs if a measured concentration exceeds a Tier II Action Level and the Background M2SD value. When there are no historic reportable results, or a value exceeds the M2SD of the Historic concentration in the well when there have been historic reportable results of Tier II Action Levels, the required action is to initiate monthly sampling. If Action Levels are exceeded for three consecutive months, by the above criteria, then appropriate parties are notified and the possible impacts to surface water are evaluated.

**Boundary Monitoring Wells:** These wells monitor ground water leaving the eastern Site boundary through the stream drainage channels. A reportable result occurs if a measured concentration exceeds a Tier II Action Level and the Background M2SD value. When there are no historic reportable

results, or a value exceeds the M2SD of the Historic concentration in the well when there have been historic reportable results of Tier II Action Levels, the required action is to initiate monthly sampling. If action levels are exceeded for three consecutive months, by the above criteria, then appropriate parties are notified and the possible impacts to surface water are evaluated.

**D&D Monitoring Wells:** These wells monitor for releases to groundwater from decontamination and decommissioning (D&D) activities. A reportable result occurs when a measured concentration exceeds the M2SD of the established Historic-Baseline concentration downgradient of the building(s). The required action is to inform appropriate parties and initiate an evaluation of the situation.

**Performance Monitoring Wells:** These wells monitor the effect of a remediation or source removal action, as required in the ALF. If an increasing trend in the concentration of a contaminant is noted, then the appropriate parties are notified and an evaluation of the situation is initiated.

**RCRA Monitoring Wells:** These wells monitor downgradient groundwater-contaminant concentrations at RCRA units. If the mean concentration of a contaminant in a downgradient well exceeds the mean concentration in upgradient wells and concentrations at the well show an upward trend with time, a report will be made to appropriate agencies and an investigation will be initiated to determine possible causes. This evaluation will be performed in the annual RFETS RFCA Groundwater Monitoring Report.

For the purposes of the quarterly reports, analytical results from downgradient RCRA wells will be treated in the same manner as Plume Extent wells. A reportable result for a RCRA well occurs if a measured concentration exceeds a Tier II Action Level and the Background M2SD value. When there are no historic reportable results, or a value exceeds the M2SD of the Historic concentration in the well when there have been historic reportable results of Tier II Action Levels, the required action is to initiate monthly sampling. If Action Levels are exceeded for three consecutive months, by the above criteria, then appropriate parties are notified and the possible impacts to surface water are evaluated. As noted above a review of the relative concentrations of upgradient and downgradient wells will be performed in an annual report.

**Plume Degradation Monitoring Wells:** These wells are located either in downgradient areas that may be contaminated from a specific source or in associated upgradient areas. Data will be reviewed annually to determine if sufficient data have been collected to support remedial decision making. Upon collection of sufficient data, an evaluation will be performed to establish inputs to the remedial conceptual model.

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### 3.0 RESULTS

Ninety-eight locations were visited in order to collect groundwater samples during the Fourth Quarter, 2001. Of the wells visited 34 were completely dry and 10 wells yielded only enough water to collect a partial analytical suite. Table 3-1 summarizes data collection activities for the Fourth Quarter of 2001. All sample results for the Fourth Quarter have been received as of this writing.

Data features of particular interest under RFCA are presented in Table 3-2 and are summarized in the following discussion. Locations found to have reportable results for Tier I or Tier II Action Level criteria are noted. Trend plots illustrate analyte concentrations at selected locations (minimum four points, Figures 2-1 to 2-91). Historic trend plots calculated for 1991 to 1995 (minimum five data points) are shown for selected wells with analyte concentrations above Tier I or Tier II Action Levels. Other illustrated trends include organic compounds with concentrations exceeding Tier II Action Levels, and for any inorganic analytes with concentrations exceeding Tier II Action Levels and Background M2SDs. The RFCA (EPA, CDPHE, DOE, 1996) requires that this information be reported quarterly. Figures 1A, 1B and 1C illustrate the location of major plume boundaries relative to monitoring locations.

#### 3.1 TIER I REPORTABLE RESULTS

No reportable Tier I analyses were recorded during the Fourth Quarter 2001.

#### 3.2 TIER II REPORTABLE RESULTS

**Boundary Wells:** No Boundary wells were sampled during the Fourth Quarter.

**Decontamination & Decommissioning Locations:** Fifty-one D&D locations were visited in the Fourth Quarter, 2001. Seventeen wells were dry, six wells contained only enough water for collection of partial sample suites and 28 wells were sampled successfully (see table below). Seven locations had no analytes above Tier II Action Levels. Twenty-eight locations contained analytes that exceeded Tier II Action Levels. In the Fourth Quarter, D&D well 18199 was sampled as a Plume Degradation location, the well is listed with the other Plume Degradation wells. Location SW085 is a non-IMP sampling point for the Building 779 pad. D&D locations have not had baselines established for analyte concentrations at this time. Criteria for classifying them as reportable or non-reportable have not been established.

Dry D&D Locations			D&D Locations With Insufficient Water For Complete Sample Suite	D&D Locations With All Analytical Results Less Than Tier II Action Levels	
20998	41599	88101	02497	02397	60699
39691	5187	99101	40999	02497	61499
40599	56001	99201	41499	40999	771 FD OUT #2
40699	56101	99401	60699		FD-707-4
40799	60299	P317989	86601	SW-085 (= Building 779 outfall)	
40899	86701		99301		

The following D&D locations, 55901, 56201, 56301 and FD-559-561, all monitor the Building 559 area.

Decontamination and Decommissioning well 55901 contained 1,1-dichloroethene, carbon tetrachloride, tetrachloroethene, trichloroethene and thallium concentrations above Tier II Action

Levels (Table 3-2). The thallium was below its Background M2SD. This is the first sampling event at well 55901. The well will be sampled again in the Second Quarter 2002.

Decontamination and Decommissioning well 56201 exhibited 1,1-dichloroethene, carbon tetrachloride and trichloroethene that were above Tier II Action Levels (Table 3-2). These analytical results represent the first collected from well 56201. Well 56201 will be sampled again in the Second Quarter 2002.

Decontamination and Decommissioning well 56301 had 1,1-dichloroethene, carbon tetrachloride, tetrachloroethene, trichloroethene, uranium-2334/234 and uranium-238 at levels above Tier II (Table 3-2). The uranium isotopes were well below site Background M2SDs. These results are from the first sampling event at the well. Well 56301 will be sampled again in the Second Quarter 2002.

Decontamination and Decommissioning footing drain FD-559-561 contained 1,1-dichloroethene, carbon tetrachloride, tetrachloroethene, trichloroethene and uranium-2334/234 concentrations above Tier II Action Levels. The uranium-233/234 was well below the Background M2SD. This is the third sampling event at FD-559-561. Results are summarized in the table below. This drain will be sampled again in the Second Quarter 2002.

FD-559-561	Date	Sample #	QC Type	Result Type	Result	Units	Tier II	Lab Qual	Validation	Detect Limit	Dilution
1,1-Dichloroethene	7/25/92	VW00110WC	Real	TRG	48	µg/l	7				
	3/9/93	VW00053JE	Real	TRG	74	µg/l	7				
	12/13/01	SW07878RG	Real	DL1	14	µg/l	7		V	0.4	2
Carbon Tetrachloride	7/25/92	VW00110WC	Real	TRG	220	µg/l	5				2
	3/9/93	VW00053JE	Real	TRG	320	µg/l	5				1
	12/13/01	SW07878RG	Real	DL1	100	µg/l	5		V	1.9	10
Tetrachloroethene	7/25/92	VW00110WC	Real	TRG	15	µg/l	5				
	3/9/93	VW00053JE	Real	TRG	2.5	µg/l	5	U			
	12/13/01	SW07878RG	Real	DL1	5.5	µg/l	5		V	0.72	2
Trichloroethene	7/25/92	VW00110WC	Real	TRG	160	µg/l	5				
	3/9/93	VW00053JE	Real	TRG	160	µg/l	5				
	12/13/01	SW07878RG	Real	DL1	270	µg/l	5		V	2.2	10

The following D&D wells, 00200, 00300, 60499, 60599 and P218089 all monitor the area around Building 707.

Decontamination and Decommissioning well 00200 contained thallium that was above the Tier II Action Level but below the Background M2SD. This is the third sampling event at well 00200. The table below gives a summary of results. The well will be sampled again in the Second Quarter 2002.

00200	Date	Sample #	QC Type	Result Type	Result	Units	Tier II	Lab Qual	Validation	Detect Limit	Dilution
Thallium	11/27/00	GW07114RG	Real	TR1	3.78	µg/l	2	B	UJ1	3.26	1
	4/23/01	GW07539RG	Real	TR1	0.98	µg/l	2	U	V1	0.98	1
	10/18/01	GW07842RG	Real	TR1	3.90	µg/l	2	B	UJ1	2.1	1

Decontamination and Decommissioning well 00300 contained trichloroethene, thallium, uranium-233/234 and uranium-238 that were above Tier II Action Levels. Uranium-233/234 and uranium-238 were below Background M2SDs. This Fourth Quarter sampling event is the second at this well. A result summary for trichloroethene and thallium is provided in the table below. Well 00300 will be sampled in the Second Quarter 2002.

00300	Date	Sample #	QC Type	Result Type	Result	Units	Tier II	Lab Qual	Validation	Detect Limit	Dilution
Tri-chloro-ethene	5/22/01	GW07540RG	Real	TR1	17.0	µg/l	5		V1	1	1
	10/10/01	GW07843RG	Real	TR1	5.8	µg/l	5		V1	1	1
Thallium	5/22/01	GW07540RG	Real	TR1	0.98	µg/l	2	U	V1	0.98	1
	10/10/01	GW07843RG	Real	TR1	3.0	µg/l	2	B	UJ1	2.1	1

Decontamination and Decommissioning well 60499 exhibited thallium, uranium-233/234 and uranium-238 that were above Tier II Action Levels. All three analytes were below site Background M2SDs. The uranium isotopes were well below their Background M2SDs. These analytical results are the second set obtained at this well. A summary table for thallium is given below. Well 60499 will be sampled again in the Second Quarter 2002.

60499	Date	Sample #	QC Type	Result Type	Result	Units	Tier II	Lab Qual	Validation	Detect Limit	Dilution
Thallium	5/21/01	GW07541RG	Real	TR1	.98	µg/l	2	U	V1	0.98	1
	10/10/01	GW07844RG	Real	TR1	3.5	µg/l	2	B	J1	2.1	1

Decontamination and Decommissioning well 60599 had tetrachloroethene, uranium-233/234 and uranium-238 that were above Tier II Action Levels. The uranium isotopes were below their Background M2SDs. Figure 2-27 is a trend plot for tetrachloroethene in well 60599. By inspection the concentration of tetrachloroethene is within its normal range, it has declined from the highest value (260 µg/l) recorded in May of 2001. Well 60599 is scheduled for sampling in the Second Quarter of 2002.

Decontamination and Decommissioning well P218089 contained thallium, uranium-233/234 and uranium-238 that were above Tier II Action Levels. The thallium was just below the Background M2SD while the uranium isotopes were well below their M2SDs. P218089 has been sampled three times in the recent past. The table below summarizes thallium data from those events. Well P218089 will be sampled again in the Second Quarter 2002.

P218089	Date	Sample #	QC Type	Result Type	Result	Units	Tier II	Lab Qual	Validation	Detect Limit	Dilution
Thallium	12/5/00	GW07111RG	Real	TR1	3.26	µg/l	2	U	V1	3.26	1
	4/19/01	GW07538RG	Real	TR1	0.98	µg/l	2	U	V1	0.98	1
	10/19/01	GW07841RG	Real	TR1	4.5	µg/l	2		UJ1	2.1	1

Building 771 is monitored by D&D well P219089.

Decontamination and Decommissioning well P219089 had thallium, uranium-233/234 and uranium-238 that were above Tier II Action Levels. The thallium was below its Background M2SD and the uranium isotopes were well below their Background M2SDs. There are no 1991-1995 historic results for P219089. By inspection, the Fourth Quarter thallium concentration (2.7 µg/l) shows an increase from earlier samples and is the second highest recorded (Figure 2-83). It is lower than the initial sample (3.8 µg/l) collected in June of 1995. Because of accelerated D&D activities at Building 771, well P219089 is being sampled quarterly. It will be sampled again in the First Quarter 2002.

Buildings 776 and 777 are monitored by D&D wells: 00400, 00500, 00600 and 00700.

Decontamination and Decommissioning well 00400 contained uranium-233/234 and uranium-238 that were above Tier II Action Levels but well below the site Background M2SDs. Well 00400 is scheduled for sampling in the Second Quarter 2002.

Decontamination and Decommissioning well 00500 exhibited manganese and thallium that were above Tier II Action Levels. The manganese was well above its Background M2SD while the thallium was below its Background. Sampling at well 00500 has occurred three times, therefore, no trend plot is presented. The table below summarizes analytical results to date. Well 00500 will be sampled again in the Second Quarter 2002.

00500	Date	Sample #	QC Type	Result Type	Result	Units	Tier II	Lab Qual	Validation	Detect Limit	Dilution
Manganese	11/8/00	GW07141RG	Real	TR1	2540	µg/l	1720		V1	0.477	1
	5/15/01	GW07546RG	Dup	TR1	4660	µg/l	1720		V1	0.02	1
	11/12/01	GW07849RG	Real	TR1	2610	µg/l	1720		V1	0.23	1
Thallium	11/8/00	GW07141RG	Real	TR1	3.82	µg/l	2	B	J1	3.26	1
	5/15/01	GW07546RG	Real	TR1	0.98	µg/l	2	U	V1	0.98	1
	11/12/01	GW07849RG	Real	TR1	2.40	µg/l	2	B	J1	2.1	1

Decontamination and Decommissioning well 00600 had thallium that was above the Tier II Action Level. Thallium was just below the Background M2SD. Only three analyses for thallium are available, therefore no trend plot is presented. Thallium results for well 00600 are presented in the table below. Well 00600 is to be sampled in the Second Quarter 2002.

00600	Date	Sample #	QC Type	Result Type	Result	Units	Tier II	Lab Qual	Validation	Detect Limit	Dilution
Thallium	11/14/00	GW07142RG	Real	TR1	3.26	µg/l	2	U	J1	3.26	1
	6/6/01	GW07549RG	Real	TR1	0.98	µg/l	2	U	V1	0.98	1
	11/15/01	GW07850RG	Real	TR1	4.40	µg/l	2		J1	2.1	1

Decontamination and Decommissioning well 00700 contained 1,1-dichloroethene, 1,2-dichloroethane, carbon tetrachloride, chloroform and tetrachloroethene that were above Tier II Action Levels. Carbon tetrachloride was also above the Tier I Action Level. The current sampling event is the third at the well. No trend plots are presented, but an analytical summary table follows. Well 00700 will be sampled in the Second Quarter 2002.



00700	Date	Sample #	QC Type	Result Type	Result	Units	Tier II	Lab Qual	Validation	Detect Limit	Dilution
1,1-Dichloroethene	11/15/00	GW07143RG	Real	TR1	336	µg/l	7		V1	2.5	5
	5/29/01	GW07550RG	Real	TR1	330	µg/l	7	D	V1	50	50
	11/14/01	GW07853RG	Real	DL1	500	µg/l	7		V1	40	200
1,2-Dichloroethane	11/15/00	GW07143RG	Real	TR1	8.0	µg/l	5		V1	2.5	5
	5/29/01	GW07550RG	Real	TR1	50	µg/l	5	U			50
	11/14/01	GW07853RG	Real	RX1	7.9	µg/l	5		V1	1.9	6.66
Carbon Tetrachloride	11/15/00	GW07143RG	Real	TR2	3920	µg/l	5	D	V1	25	50
	5/29/01	GW07550RG	Real	DL1	3900	µg/l	5	D	V1	100	100
	11/14/01	GW07853RG	Real	DL1	3000	µg/l	5		V1	38	200
Chloroform	11/15/00	GW07143RG	Real	TR1	244	µg/l	100		V1	2.5	5
	5/29/01	GW07550RG	Real	TR1	230	µg/l	100		V1	50	50
	11/14/01	GW07853RG	Real	RX1	340	µg/l	100		V1	1.5	6.66
Tetrachloroethene	11/15/00	GW07143RG	Real	TR1	9.9	µg/l	5		V1	2.5	5
	5/29/01	GW07550RG	Real	TR1	11	µg/l	5	J	V1	50	50
	11/14/01	GW07853RG	Real	RX1	11	µg/l	5		V1	2.4	6.66

Building 779 pad area is monitored by the D&D wells 00100 and 02500.

Decontamination and Decommissioning well 00100 had carbon tetrachloride, trichloroethene, thallium, uranium-233/234 and uranium-238 that were above Tier II Action Levels. Thallium was below its Background M2SD and the uranium isotopes were well below their Background M2SDs. Three samplings at well 00100 have been taken, therefore no trend plots are presented. Sampling results for carbon tetrachloride, trichloroethene and thallium are presented in the table below. Well 00100 will be sampled in the Second Quarter 2002.

00100	Date	Sample #	QC Type	Result Type	Result	Units	Tier II	Lab Qual	Validation	Detect Limit	Dilution
Carbon Tetrachloride	12/1/00	GW07315RG	Real	TR1	14.8	µg/l	5		V1	1	2
	5/23/01	GW07530RG	Real	TR1	5	µg/l	5		V1	1	1
	11/15/01	GW07856RG	Dup	TR1	5.7	µg/l	5		V1	0.19	1
Tri-chloroethene	12/1/00	GW07315RG	Real	TR1	61.8	µg/l	5		V1	1	2
	5/23/01	GW07530RG	Real	TR1	38	µg/l	5		V1	1	1
	11/15/01	GW07856RG	Dup	TR1	55	µg/l	5		V1	0.22	1
Thallium	12/1/00	GW07315RG	Real	TR1	3.26	µg/l	2	U	V1	3.26	1
	5/23/01	GW07530RG	Real	TR1	0.98	µg/l	2	U	V1	0.98	1
	11/15/01	GW07856RG	Dup	TR1	2.9	µg/l	2	B	J1	2.1	1

Decontamination and Decommissioning well 02500 contained trichloroethene, thallium, nitrate/nitrite, uranium-233/234 and uranium-238 that were above Tier II Action Levels. The thallium and nitrate/nitrite results are above site Background M2SDs. The uranium isotopes are both well below their Background M2SDs. The three available results for thallium are presented in the table below. Trichloroethene is at the highest level recorded since the inception of sampling in the Second Quarter of 1998 (Figure 2-44). Both samples from 2001 have elevated levels of trichloroethene. The

Fourth Quarter nitrate/nitrite is at the highest recorded level and appears to be part of an increasing trend (Figure 2-84). Well 02500 is scheduled for sampling in the Second Quarter 2002.

02500	Date	Sample #	QC Type	Result Type	Result	Units	Tier II	Lab Qual	Validation	Detect Limit	Dilution
Thallium	11/15/00	GW07317RG	Real	TR1	3.26	µg/l	2	U	J1	3.26	1
	6/6/01	GW07533RG	Real	TR1	0.98	µg/l	2	U	V1	0.98	1
	10/23/01	GW07858RG	Real	TR1	7.4	µg/l	2		UJ1	2.1	1

Decontamination and Decommissioning locations 86501, 86601 and BS-865-2 monitor Building 865.

Decontamination and Decommissioning well 86501 had uranium-233/234, uranium-235 and uranium-238 that were above Tier II Action Levels. All three isotopes were below site Background M2SDs. Well 86501 will be sampled again in the Second Quarter 2002.

Decontamination and Decommissioning well 86601 contained uranium-233/234 and uranium-238 above Tier II Action Levels. Both isotopes were below Background M2SDs. Well 86601 will be sampled again in the Second Quarter 2002.

Decontamination and Decommissioning location BS-865-2 also contained uranium-233/234 and uranium-238 that were above Tier II Action Levels. Both isotopes were well below their respective Background M2SDs. Location BS-865-2 will be sampled again in the Second Quarter 2002.

Decontamination and Decommissioning well 37791 monitors Building 881. The well exhibited thallium, uranium-233/234 and uranium-238 that were above Tier II Action Levels. Both the thallium and uranium isotopes were below their Background M2SDs. The Fourth Quarter thallium result is the only analytical detection and the highest recorded to date (Figure 2-76). All prior analyses were non-detections at a variety of detection limits. No further action is required. Well 37791 is scheduled to be sampled again in the Second Quarter 2002.

Building 883 is monitored by D&D wells 61099, 61199, 83101 and 83201. Well 83101 also monitors Building 881.

Decontamination and Decommissioning well 61099 contained tetrachloroethene, uranium-233/234 and uranium-238 that were above Tier II Action Levels. The uranium isotopes were well below their Background M2SDs. Three sampling events have occurred at well 61099. The data table below gives the results for tetrachloroethene. Well 61099 will be sampled again in the Second Quarter 2002.

61099	Date	Sample #	QC Type	Result Type	Result	Units	Tier II	Lab Qual	Validation	Detect Limit	Dilution
Tetra-chloro-ethene	12/14/99	GW06651TE	Real	TR1	27	µg/l	5		V1	2	2
	3/8/01	GW07425RG	Real	DL1	26	µg/l	5	BD	V1	2	2
	12/11/01	GW07892RG	Real	TR1	15	µg/l	5		V1	0.36	1

Decontamination and Decommissioning well 61199 had tetrachloroethene, trichloroethene, thallium, uranium-233/234 and uranium-238 at levels greater than Tier II. Thallium was below its Background M2SD and the uranium isotopes were well below their Background M2SDs. Three sampling events for VOCs are available, this is the first for metals. No trend plots are presented, but the VOC and thallium data are summarized in the following table. Well 61199 will be sampled in the Second Quarter 2002.

61199	Date	Sample #	QC Type	Result Type	Result	Units	Tier II	Lab Qual	Validation	Detect Limit	Dilution
Tetrachloroethene	12/9/99	GW06653TE	Dup	TR1	220	µg/l	5		V1	20	20
	3/8/01	GW07426RG	Real	TR1	230	µg/l	5		V1	10	10
	12/11/01	GW07891RG	Real	DL1	160	µg/l	5		V	1.8	5
Trichloroethene	12/9/99	GW06653TE	Real	TR1	12	µg/l	5	J	V1	20	20
	3/8/01	GW07426RG	Real	TR1	17	µg/l	5		V1	10	10
	12/11/01	GW07891RG	Real	TR1	11	µg/l	5		V	0.22	1
Thallium	12/11/01	GW07891RG	Real	TR1	2.2	µg/l	2	B	UJ1	2.1	1

Decontamination and Decommissioning well 83101 contained tetrachloroethene, trichloroethene, cadmium, uranium-233/234 and uranium-238 that were above Tier II Action Levels. Cadmium was above the site Background M2SD and the uranium isotopes were below. This is the first sampling event at 83101, refer to Table 3-2 for a summary of results. Well 83101 will be sampled again in the Second Quarter 2002.

Decontamination and Decommissioning well 83201 contained mercury, selenium, thallium, uranium-233/234, uranium-235 and uranium-238 that were above Tier II Action Levels. Except for thallium, all these analytes were also above site Background M2SDs. The results for the Fourth Quarter 2001 are the first from well 83201. Table 3-2 serves as a data summary for the well. The next sampling event at well 83201 is scheduled for the Second Quarter 2002.

Building 991 is monitored by D&D 99301.

Decontamination and Decommissioning well 99301 contained trichloroethene, selenium, uranium-233/234 and uranium-238 that were above Tier II Action Levels. The selenium was above its Background M2SD and the uranium isotopes were below their Background M2SDs. Fourth Quarter 2001 results are the first from well 99301, Table 3-2 serves as a data summary. Well 99301 will be sampled again in the Second Quarter 2002.

**Drainage Wells:** No Drainage wells were sampled in the Fourth Quarter 2001.

**Performance Monitoring Locations:** Fifteen-Performance Monitoring locations were visited in the Fourth Quarter 2001. Five locations (15599, 15799, 95299, SW099 and SW100) were dry. Performance Monitoring well 15699 had insufficient water to collect a complete sample suite. Nine other locations had enough water to provide complete sample suites. Only well 95099 of the sampled locations had no analytes with concentrations greater than Tier II Action Levels (95099 is only sampled for VOCs). The IMP (DOE, 2000) does not define reportable and non-reportable results for Performance Monitoring locations.

Performance Monitoring well 00897 exhibited concentrations of tetrachloroethene, trichloroethene, thallium, uranium-233/234 and uranium-238 that were above Tier II Action Levels. Thallium was below its Background M2SD. The uranium isotope concentrations were well below their respective Background M2SDs. Historic M2SDs for the well, are not available. By inspection, tetrachloroethene is at the highest level recorded to date (Figure 2-26). It appears to be within its normal range and does not appear to be increasing. Trichloroethene continues a declining trend extending back to the inception of sampling in 1998 (Figure 2-42). The Fourth Quarter thallium result is the highest recorded to date (Figure 2-63). However, this is the first actual detection compared to five non-

detections since the inception of sampling. Well 00897 will be sampled again in the Second Quarter 2002.

Performance Monitoring well 02291 contained tetrachloroethene, trichloroethene, thallium, uranium-233/234 and uranium-238 that were above Tier II Levels. Thallium equaled the site Background M2SD. The uranium isotopes were well below their site Background M2SDs. The tetrachloroethene result is the highest recorded to date and continues to be above its Historic M2SD (Figure 2-27). Trichloroethene is also high, but not, the highest recorded, it continues above its Historic M2SD (Figure 2-43). As in well 00897 (above), thallium on well 02291 is the highest recorded to date and the first detection after a series of non-detections (Figure 2-64). Thallium is above its Historic M2SD for the first time. Well 02291 is scheduled for sampling in the Second Quarter 2002.

Performance Monitoring well 11891 exhibited carbon tetrachloride, tetrachloroethene, trichloroethene, thallium, uranium-233/234 and uranium-238 that were above Tier II Action Levels. Thallium was below its Background M2SD and the uranium isotopes were well below their Background M2SDs. Carbon tetrachloride and tetrachloroethene are within the middle of their ranges, below their Historic M2SDs (Figure 2-7 and 2-28 respectively). Trichloroethene is in the lower part of its range, below its Historic M2SD (Figure 2-45). Thallium while below Background is above its Historic M2SD for the second time in two years (Figure 2-65). Well 11891 is to be sampled again in the Second Quarter 2002.

Performance Monitoring well 12191 was similar to well 11891. Well 12191 also contained carbon tetrachloride, tetrachloroethene, trichloroethene, thallium, uranium-233/234 and uranium-238 that were above Tier II Action Levels. Thallium was also below Background as were the uranium isotopes. Carbon tetrachloride is in the lower part of its range, below its Historic M2SD (Figure 2-8). Tetrachloroethene is the highest recorded to date, near the top of its range and near its Historic M2SD (Figure 2-29). Trichloroethene is near the middle of its range, below its Historic M2SD (Figure 2-46). Trichloroethene results have been increasing slowly since late 1998. Thallium as in 11891 is below Background but above its Historic M2SD for the second time in two years (Figure 2-66). Well 12191 will be sampled in the Second Quarter 2002.

Performance Monitoring well 15699 contained 1,1-dichloroethene, cis-1,2-dichloroethene, tetrachloroethene, trichloroethene, uranium-233/234 and uranium-238 at levels greater than Tier II. The uranium isotopes were both below their Background M2SDs. All four VOCs increased from the preceding sample event recorded in the Second Quarter 2001. By inspection, 1,1-dichloroethene is near the middle of its usual range (Figure 2-1). Cis-1,2-dichloroethene remains in the lower part of its historic range (Figure 2-23). Tetrachloroethene is among the highest recorded values but still in the middle of its normal range (Figure 2-30). Trichloroethene returned to the middle of its normal range (Figure 2-47). Well 15699 is scheduled for sampling in the Second Quarter 2002.

Performance Monitoring well 3687 had 1,1-dichloroethene, carbon tetrachloride, chloroform, tetrachloroethene, trichloroethene, thallium, uranium-233/234 and uranium-238 that were greater than Tier II Action Levels. Thallium, uranium-233/234 and uranium-238 were below their Background M2SDs, the isotopes well below. The VOCs were all below their Historic M2SDs. The five VOCs are all in the middle to lower parts of their normal ranges. 1,1-Dichloroethene is shown in Figure 2-3, carbon tetrachloride in Figure 2-15, chloroform Figure 2-22, tetrachloroethene in Figure 2-36 and trichloroethene in Figure 2-50. Thallium (from a total metal analysis) increased from prior samples and is above its Historic M2SD for only the second time (Figure 2-75). Well 3687 is to be sampled again in the Second Quarter 2002.

Performance Monitoring location 891COLWEL contained 1,1-dichloroethene, carbon tetrachloride, tetrachloroethene, trichloroethene, selenium, thallium, uranium-233/234 and uranium-238 at levels

greater than Tier II. Thallium and the uranium isotopes were below their Background M2SDs. Selenium was above its Background M2SD. All analytes were below their Historic M2SDs. All VOCs decreased slightly from the Third Quarter 2001 sample and are in the middle to lower part of their normal ranges. 1,1-Dichloroethene is shown in Figure 2-5, carbon tetrachloride is shown in Figure 2-16, tetrachloroethene in Figure 2-39 and trichloroethene in Figure 2-52. Selenium increased from the previous quarter and is in the middle of its range (Figure 2-61). Thallium was detected, and is above Tier II, for only the second time in the recent past (Figure 2-79). It increased relative to the Third Quarter sample. 891COLWEL is on a quarterly sampling schedule and will be sampled again in the First Quarter 2001.

Performance Monitoring well 95199 had trichloroethene that was above the Tier II Action Level. By inspection, the concentration of trichloroethene decreased from the maximum recorded in the Second Quarter 2001 and is now closer to the middle of its normal range (Figure 2-53). Well 95199 is scheduled to be sampled again in the Second Quarter 2002.

Performance Monitoring location SW13494 exhibited tetrachloroethene, uranium-233/234 and uranium-238 at levels above Tier II. The uranium isotopes were both well below their Background M2SDs. Tetrachloroethene was below its Historic M2SD and lower than found in the previous quarter (Figure 2-41). SW13494 is sampled on a quarterly basis it will be sampled again in the Second Quarter 2002.

**Plume Definition Wells:** Six-Plume Definition wells were visited in the Fourth Quarter of 2001. Two Plume Definition wells were dry (00297 and P209289) and one (P219189) had insufficient water for a complete sample suite. Plume Definition well P416789 had no analytes greater than Tier II. Three of the sampled wells had results that were above Tier II Action Levels. Because no result was greater than a Tier I Action Level, there are no reportable results for Plume Definition wells.

Plume Definition well P209489 had trichloroethene, thallium, nitrate/nitrite, uranium-233/234, uranium-235 and uranium-238 that were above Tier II Action Levels. Thallium and the three uranium isotopes were below their Background M2SDs. Nitrate/nitrite was above its Background M2SD. Trichloroethene is in the lower part of its range, below its Historic M2SD (Figure 2-54). It is increased from the Second Quarter sampling event. Thallium is above the Tier II Level for the second time since the Fourth Quarter 2000 (Figure 2-82). Thallium is below its Historic M2SD but greater than the Second Quarter 2002 sample. Nitrate/nitrite is in the middle of its range, below its Historic M2SD and slightly greater than the Second Quarter sample (Figure 2-86). No additional sampling is required at well P209489. The well will be sampled again in the Second Quarter 2002.

Plume Definition well P219189 contained 1,1-dichloroethene, uranium-233/234, uranium-235 and uranium-238 that were above Tier II Action Levels. The uranium isotopes were all below their Background M2SDs. 1,1-Dichloroethene is near the middle of its range and below its Historic M2SD (Figure 2-6). 1,1-Dichloroethene is in the middle of its range and lower than in the previous sampling event. Well P219189 is to be sampled again in the Second Quarter 2002. No additional sampling is required.

Plume Definition well P416889 exhibited tetrachloroethene and uranium-233/234 at levels greater than Tier II. Uranium-233/234 was well below its Background M2SD. Tetrachloroethene is greater than in the Second Quarter 2001 (Figure 2-40). It is above its Historic M2SD and near the upper part of its normal range. No additional sampling at well P416889 is required. The next sampling event is scheduled for the Second Quarter 2002.

**Plume Degradation Wells:** Four Plume Degradation wells were visited in the Fourth Quarter of 2001. All four wells provided complete sample suites. All four wells had analytical results greater

than Tier II. Each well had at least one result greater than Tier I. Because analytical results for Plume Degradation wells are reviewed in the Groundwater Annual Report, there are no criteria for defining quarterly reportable or non-reportable occurrences.

Plume Degradation well 18199 (also serving as a D&D well for Building 771) contained carbon tetrachloride, chloroform, tetrachloroethene and thallium that were above Tier II Action Levels. The thallium was below the site Background M2SD. Carbon tetrachloride is greater than Tier I, but by inspection, it is in the middle of its normal range and slightly above the Second Quarter sample (Figure 2-9). Chloroform is not greater than Tier I, but as with carbon tetrachloride, slightly increased over the Second Quarter and is in the middle of its normal range (Figure 2-18). Tetrachloroethene is below Tier I and in the lower part of its range (Figure 2-31). It is slightly decreased from the Second Quarter. Thallium is just over Tier II (Figure 2-69). This is the second time it has been above Tier II in three sampling events since the Fourth Quarter 2000. It appears to be within its normal range given that three of five analyses are non-detections. Well 18199 is to be sampled again in the Second Quarter 2002.

Plume Degradation well 18399 contained carbon tetrachloride and chloroform that were above Tier II Action Levels. The carbon tetrachloride was also above the Tier I level. By inspection, the current result for carbon tetrachloride is the highest recorded to date (Figure 2-10). This result is greater than the Second Quarter 2001 sample and similar to the Fourth Quarter 2000 sample. Chloroform is not greater than Tier I, but as with carbon tetrachloride, is greater than the Second Quarter 2001 and similar to the Fourth Quarter 2000 samples (Figure 2-19). It is in the upper part of its range. The Second Quarter 2002 will be the next time well 18399 will be sampled.

Plume Degradation well 18499 had carbon tetrachloride, hexachloroethane, methylene chloride, and tetrachloroethene that were greater than their Tier II Action Levels. The carbon tetrachloride and hexachloroethane were also above Tier I Action Levels. Carbon tetrachloride is at the highest level for samples collected since the Fourth Quarter of 1999 (Figure 2-11). However, it is within its normal range for the recent past. It is greater than the Second Quarter 2001 sample. Hexachloroethane was detected as a Tentatively Identified Compound (a TIC), it is not a member of the analytical suite for either the EPA 524.2 or SW-846 Method 8260 analytical methods that is currently (or were) being used for VOCs. Two previous occurrences from semi-volatile organic compound (SVOC) analyses performed in 1999 contained hexachloroethane but no other VOC analyses until the current one detected it. Data for the three occurrences of hexachloroethane are presented in the table below. The Groundwater Program will collect additional samples for hexachloroethane-SVOC analysis in the Second Quarter 2002 at wells 18199, 18499 and 21098 to assess the distribution of hexachloroethane in the IHSS 118.1 area. Methylene chloride was detected without contamination for the first time since the Fourth Quarter 1999 (Figure 2-25). The Fourth Quarter 2001 methylene chloride is similar to the other detection in the Fourth Quarter of 1999. Validation qualifiers associated with the "B" lab qualified samples indicate that the contamination is significant. Tetrachloroethene was detected for the second time in 2001 (Figure 2-32). It is in the lower part of its range given earlier samples that had non-detections as results. Plume Degradation well 18499 will be sampled again in the Second Quarter 2002.

18499	Date Analysis	Sample #	QC Type	Result Type	Result	Units	Tier II	Lab Qual	Validation	Detect Limit	Dilution
Hexachloroethane	3/17/99 SVOC	GW06286TE	Real	DL1	179	µg/l	6.08	D	V1	14	4
	9/20/99 SVOC	GW06507TE	Dup	TR1	50	µg/l	6.08		V1	10	1
	10/30/01 VOC-TIC	GW07827RG	Real	TR1	1602	µg/l	6.08	J	V1		80

Plume Degradation well 18799 contained 1,1-dichloroethene, carbon tetrachloride, chloroform and tetrachloroethene at levels above Tier II. Carbon tetrachloride was also above the Tier I Action Level. 1,1-Dichloroethene is greater than that found in the Second Quarter 2001 sample and is back in the upper part of its normal range (Figure 2-2). Carbon tetrachloride and chloroform behaved similarly to 1,1-dichloroethene, they increased over the Second Quarter and are in the upper part of their ranges (Figure 2-12 and Figure 2-20, respectively). Tetrachloroethene decreased from the Second Quarter sample (the maximum recorded to date) but remains in the upper part of its range (Figure 2-33). 18799 will be sampled again in the Second Quarter 2002.

Plume Degradation well 21098 had carbon tetrachloride, chloroform and tetrachloroethene that were above Tier II Action Levels. The carbon tetrachloride was also above the Tier I level. Carbon tetrachloride increased significantly in 2001 and the Fourth Quarter sample is the highest recorded to date (Figure 2-13). With respect three samples collected prior to 2001, the Fourth Quarter sample is out of its normal range. Chloroform in 21098 decreased compared to the Second Quarter (Figure 2-21). It is in the middle of its normal range. Tetrachloroethene increased slightly from the Fourth Quarter 2000 (the intervening Second Quarter 2001 sample was a non-detection at a relatively high detection limit, Figure 2-34). It appears that it is in its normal range for samples qualified as detections. Well 21098 is scheduled for routine sampling in the Second Quarter 2002.

**Plume Extent Wells:** Thirteen Plume Extent wells were visited in the Fourth Quarter. Three of these were dry (3386, B208289 and P218389). Two sampled wells had insufficient water to collect a complete sample suite (P219489 and P416689). All of the ten sampled Plume Extent wells had analytes that exceeded Tier II Action Levels. From the ten sampled wells, eight wells had fourteen reportable analytical results. No well had results over Tier I Action Levels.

Plume Extent well 1386 contained nickel, thallium, uranium-233/234 and uranium-238 that were above Tier II Action Levels. Nickel is reportable because it was also above the site Background M2SD. Thallium and the uranium isotopes were below Background M2SDs and therefore are not reportable. Note that both dissolved and total uranium isotope samples were supposed to be collected this quarter, total results are reported here, dissolved samples were not collected due to a clerical error. Nickel continued a decrease that began with the Second Quarter 2001 sample (Figure 2-59). It continues to be above Tier II and its Historic M2SD. Because the nickel concentration has been above Tier II and the Historic M2SD since early 1998 and because a suite of monthly samples has been collected, no additional sampling for nickel is planned for well 1386. Thallium was greater than in the Second Quarter non-detection and is again above its Historic M2SD. The Fourth Quarter result is the third since 1996 where the Tier II Level has been exceeded. No additional sampling is required at well 1386, routine quarterly sampling for the Solar Ponds Plume project will occur in the First Quarter 2002.

Plume Extent well 1786 contained selenium, thallium, uranium-233/234, uranium-235 and uranium-238 that were above Tier II Action Levels. The selenium, thallium and uranium-235 are reportable because the results were also above Background M2SDs. Uranium-233/234 and uranium-238 were below Background and are not reportable. Note that both dissolved and total uranium isotope samples were supposed to be collected this quarter, total results are reported here, dissolved samples were not collected due to a clerical error. Selenium decreased from the Second Quarter 2001 but remains above its Historic M2SD and Tier II and is in the upper part of its range (Figure 2-60). A monthly suite of metal samples has been collected at 1786 so no additional sampling for selenium is planned. Thallium increased from a non-detection in the Second Quarter (Figure 2-69). Three prior samples (two dissolved and one total metal) were also above Tier II, Background M2SDs and the Historic (dissolved) M2SDs. No additional thallium sampling is planned. Uranium-235 increased compared to the Second Quarter 2001 sample and was just below its Historic M2SD (note the extent of the 2 sigma error, Figure 2-89). Despite not having a suite of three consecutive monthly samples,

additional uranium isotope sampling is not planned at well 1786. The Groundwater Program believes that the substitution of a total analysis for the usual dissolved analysis, the long record of sampling, the use of 2-sigma errors in alpha spectrometry analyses, and prior analyses with similar results (4/1991 and 10/1994) make additional uranium-235 characterization samples unnecessary at this time. Well 1786 is on a quarterly sampling schedule for the Solar Ponds Plume and will be sampled again in the First Quarter 2002.

Plume Extent well 1986 exhibited concentrations of manganese, thallium, uranium-233/234 and uranium-238 that were above Tier II Action Levels. The manganese is reportable because it was also above the manganese Background M2SD. The thallium and uranium isotopes are not reportable because they were below Background M2SDs. Manganese (dissolved analysis) decreased from the maximum value (total metal analysis) recorded in the Second Quarter 2001 (Figure 2-57). Manganese in 1986 remains above Tier II, the Background M2SD and the well's Historic M2SD as it has since late 1999. No additional metal sampling for manganese (metals) is planned because a suite of monthly samples has already been collected. The thallium detection increased from a non-detection in the Second Quarter and is again above Tier II and its Historic (dissolved) M2SD (Figure 2-70). Similar results can be found in late-1999 and mid-1995. Sampling at 1986 is planned for the Second Quarter 2002.

Plume Extent well 2186 had thallium, uranium-233/234 and uranium-238 that were greater than the Tier II Action Levels. These results are not reportable because they were below their respective Background M2SDs. The uranium isotopes were well below their Backgrounds. The thallium analysis was a detection and shows an increase from the Second Quarter non-detection (Figure 2-71). No additional sampling at well 2186 is required. Sampling at well 2186 will resume in the Second Quarter 2002.

Plume Extent well 22796 contained trichloroethene, thallium, uranium-233/234 and uranium-238 that were above Tier II Action Levels. Trichloroethene is reportable. The thallium, uranium-233/234 and uranium-238 were below site Background M2SDs and are not reportable. The uranium isotopes were well below Background M2SDs. Trichloroethene decreased from the maximum recorded value recorded in the Second Quarter 2001 to the middle of its range (Figure 2-48). Because a monthly suite for VOCs has been collected no additional sampling at well 22796 is planned. Thallium increased from the non-detection in the Second Quarter. It is near the upper limit of its range to date. Routine sampling at 22796 will occur again in the Second Quarter 2002.

Plume Extent well 23296 exhibited carbon tetrachloride, cis-1,2-dichloroethene, tetrachloroethene, trichloroethene, thallium, uranium-233/234 and uranium-238. The VOCs and thallium, thallium was over the Background M2SD, are all reportable. The uranium isotopes were below Background M2SDs and are not reportable. Carbon tetrachloride and cis-1,2-dichloroethene increased from the Second Quarter 2001 but remain in their normal ranges (Figures 2-14 and 2-24, respectively). Tetrachloroethene and trichloroethene decreased and are in their normal ranges (Figures 2-35 and 2-49, respectively). Because monthly VOCs were collected in 1997 and 2000, no additional VOC sampling is planned. Thallium increased over the Second Quarter and several proceeding samples (Figure 2-73). Because a suite of monthlies for metals was collected in 1999, no additional sampling for thallium is planned at well 23296. Well 23296 will be sampled again in the Second Quarter 2002.

Plume Extent well 3586 contained vinyl chloride, manganese, thallium, uranium-233/234 and uranium-238 at levels greater than Tier II. The vinyl chloride and manganese (-greater than Background M2SD) are reportable. The thallium, uranium-233/234 and uranium-238 were below Background and are therefore not reportable. Vinyl chloride increased slightly from the Second Quarter but remains near the bottom of its range (Figure 2-55). Monthly samples for VOCs have not been collected at well 3586. However, because of the declining results for vinyl chloride, previous



cases where the vinyl chloride was above the Historic M2SD and long history of sampling at well 3586 additional VOC sampling will not be initiated. Manganese was at the highest recorded level to date an increase from the Second Quarter (Figure 2-58). It continues to be above its Historic M2SD. Again, because of the long history of sampling for metal at 3686 and the fact that the manganese concentration has been above its Historic M2SD before, no additional metal sampling is planned. Well 3586 will be sampled again in the Second Quarter 2002.

Plume Extent well B208789 had thallium, uranium-233/234 and uranium-238 that were above Tier II Action Levels. Because all three analytes were below Background M2SDs, the results are not reportable. Thallium increased from a Second Quarter non-detection (Figure 2-81). Because thallium was above Tier II in 1997 and 2000 and a suite of monthly metals has been collected, no additional sampling at B208789 is planned. Well B208789 is scheduled for sampling in the Second Quarter 2002.

Plume Extent well P219489 exhibited nitrate/nitrite, uranium-233/234 and uranium-238 that were above Tier II Action Levels. Nitrate/nitrite was above the Background M2SD and is reportable. The uranium isotopes were below Background M2SDs and are not reportable. Nitrate/nitrite increased since the last sampling event (Figure 2-87). Because monthly samples have been collected for nitrate/nitrite and the Fourth Quarter value is within its middle part of its normal range, no additional nitrate/nitrate sampling is planned. Routine sampling of well B208789 will resume in the Second Quarter 2002.

Plume Extent well P416689 contained uranium-233/234 and uranium-238 that were above Tier II Action Levels. Both isotopes were well below their Background M2SDs and are not reportable. P416689 is scheduled for sampling in the Second Quarter 2002.

**RCRA Monitoring Wells:** Eight RCRA monitoring wells were visited in the Fourth Quarter of 2001. Three wells (4087, 52894 and 52994) were dry. All other wells provided enough water for complete sample suites. For the five sampled wells, there were four reportable results all from well B206989. Upgradient well 5887 had no result above a Tier II Action Level. For RCRA Monitoring wells only Downgradient wells are evaluated with respect to reportable or non-reportable criteria in the Quarterly Reports. The criteria used are the same as those for Plume Extent wells. Evaluation of all the RCRA wells may be found in the Annual Report.

Upgradient RCRA monitoring well 70193 had non-reportable thallium that was above the Tier II Action Level. Thallium was below the Background M2SD and above its Historic M2SD. Thallium increased over the Second Quarter sample and a series of non-detections dating back to 1999 (Figure 2-77). Thallium was detected at levels above Tier II in late 1997 and 1998. No additional metal sampling is planned. Well 70193 will be sampled again in the First Quarter 2002. It is on a quarterly sampling schedule.

Upgradient RCRA monitoring well 70393 contained non-reportable quantities of 1,1-dichloroethene, tetrachloroethene and trichloroethene that were above Tier II Action Levels. The concentrations of all three VOCs are below their Historic M2SDs. 1,1-Dichloroethene and trichloroethene increased relative to the previous samples (Figures 2-4 and 2-51) and tetrachloroethene decreased (Figure 2-38). All three compounds are generally decreasing. Routine quarterly monitoring of 70393 will be continued in the First Quarter 2002.

Upgradient RCRA monitoring well 70499 contained non-reportable thallium and uranium-233/234 at levels above Tier II. Thallium was below its Background M2SD and uranium-233/234 was well below its Background M2SD. Thallium increased from a near zero detection in the Second Quarter (Figure 2-78). Thallium was above its Historic M2SD. Late in 1996, it was above both Tier II and its

Historic M2SD. Well 70493 will be sampled in the First Quarter 2002. The well is sampled quarterly.

Downgradient RCRA monitoring well contained reportable quantities of lithium, selenium, nitrate/nitrite and sulfate, and non-reportable thallium, uranium-233/234, uranium-235 and uranium-238 that were greater than Tier II Action Levels. Lithium, selenium, nitrate/nitrite and sulfate were all above Background M2SDs making them reportable. Thallium, uranium-233/234, uranium-235 and uranium-238 were below Background M2SDs and are not reportable. Lithium increased from the Second Quarter 2001 and remains in the middle of its normal range (Figure 2-56). Selenium increased slightly from the Second Quarter 2001 (continuing an increasing trend) and is at its maximum value (Figure 2-62). Thallium also set a new maximum value compared to previous samples (Figure 2-80). A thallium trend is not obvious. Note the high total metal analysis for thallium from the Fourth Quarter 2000. Nitrate/nitrite increased to nearly its maximum value following a low Second Quarter 2001 result (Figure 2-85). Nitrate/nitrite in the Fourth Quarter was just below the Historic M2SD. Sulfate decreased slightly from the Second Quarter (Figure 2-88). It remains in the middle of its normal range. Because monthlies have been collected for metals and sulfate and the long record of nitrate/nitrite results greater than Tier II but below the Historic M2SD, additional sampling of B206989 is not planned at this time. B206989 is a quarterly well and will be sampled again in the First Quarter 2002.

Table 3-1: RFCA Groundwater Monitoring Locations and Sample Collection Summary  
Fourth Quarter, 2001

02-RF-00920

Well #	VOC's	Metals	Radionuclides				Water Quality Parameters			
			Pu/Am	U-isotope	Tritium	Sr <sub>89/90</sub>	Nitrate/Nitrite	TDS	SO <sub>4</sub> <sup>-2</sup>	Fluoride
00100	Sampled	Sampled	Sampled	Sampled	N/S	N/S	Sampled	Sampled	N/S	N/S
*00200	Sampled	Sampled	Sampled	Sampled	N/S	N/S	N/S	Sampled	N/S	N/S
00297	Dry	Dry	Dry	Dry	Dry	Dry	Dry	Dry	Dry	Dry
*00300	Sampled	Sampled	Sampled	Sampled	N/S	N/S	N/S	N/S	N/S	N/S
00400	Sampled	Sampled	Sampled	Sampled	Sampled	N/S	Sampled	Sampled	N/S	N/S
00500	Sampled	Sampled	Sampled	Sampled	Sampled	N/S	Sampled	Sampled	N/S	N/S
00600	Sampled	Sampled	Sampled	Sampled	Sampled	N/S	Sampled	N/S	N/S	N/S
00700	Sampled	Sampled	Sampled	Sampled	Sampled	N/S	Sampled	Sampled	N/S	N/S
00897	Sampled	Sampled	Sampled	Sampled	N/S	N/S	Sampled	Sampled	N/S	N/S
02291	Sampled	Sampled	Sampled	Sampled	N/S	N/S	Sampled	Sampled	N/S	N/S
02397	Dry	Dry	Dry	Dry	N/S	N/S	Dry	Dry	N/S	N/S
02497	Sampled	Insw	Insw	Insw	N/S	N/S	Sampled	Insw	N/S	N/S
02500	Sampled	Sampled	Sampled	Sampled	N/S	N/S	Sampled	Sampled	N/S	N/S
11891	Sampled	Sampled	Sampled	Sampled	N/S	N/S	Sampled	Sampled	N/S	N/S
12191	Sampled	Sampled	Sampled	Sampled	N/S	N/S	Sampled	Sampled	N/S	N/S
1386	Sampled	Sampled	Sampled	Total Only	Sampled	Sampled	Sampled	Sampled	Sampled	Sampled
15599	Dry	N/S	Dry	Dry	N/S	N/S	N/S	N/S	N/S	N/S
15699	Sampled	N/S	Insw	Sampled	N/S	N/S	N/S	N/S	N/S	N/S
15799	Dry	N/S	Dry	Dry	N/S	N/S	N/S	N/S	N/S	N/S
1786	Sampled	Sampled	Sampled	Total Only	Sampled	Sampled	Sampled	Sampled	Sampled	Sampled
*18199	Sampled	Sampled	Sampled	Sampled	Sampled	N/S	N/S	Sampled	Sampled	N/S
*18399	Sampled	N/S	N/S	N/S	N/S	N/S	N/S	Sampled	Sampled	N/S
*18499	Sampled	N/S	N/S	N/S	N/S	N/S	N/S	Sampled	Sampled	N/S
*18799	Sampled	N/S	N/S	N/S	N/S	N/S	N/S	Sampled	Sampled	N/S
1986	Sampled	Sampled	Sampled	Sampled	N/S	N/S	Sampled	Sampled	N/S	N/S
*20998	Dry	Dry	Dry	Dry	Dry	N/S	Dry	Dry	N/S	N/S
*21098	Sampled	N/S	N/S	N/S	N/S	N/S	N/S	Sampled	Sampled	N/S
2186	Sampled	Sampled	Sampled	Sampled	N/S	N/S	Sampled	Sampled	N/S	N/S
*22796	Sampled	Sampled	Sampled	Sampled	Sampled	N/S	Sampled	Sampled	N/S	N/S
23296	Sampled	Sampled	Sampled	Sampled	N/S	N/S	Sampled	Sampled	N/S	N/S
3386	Dry	Dry	Dry	Dry	Dry	Dry	Dry	Dry	Dry	Dry
3586	Sampled	Sampled	Sampled	Sampled	N/S	N/S	Sampled	Sampled	N/S	N/S
3687	Sampled	Sampled	Sampled	Sampled	N/S	N/S	Sampled	Sampled	N/S	N/S
*37791	Sampled	Sampled	Sampled	Sampled	N/S	N/S	Sampled	Sampled	N/S	N/S
*39691	Dry	Dry	Dry	Dry	N/S	N/S	Dry	Dry	N/S	N/S
*40599	Dry	Dry	Dry	Dry	Dry	N/S	Dry	Dry	N/S	N/S
*40699	Dry	Dry	Dry	Dry	Dry	N/S	Dry	Dry	N/S	N/S
*40799	Dry	Dry	Dry	Dry	Dry	N/S	Dry	Dry	N/S	N/S
4087	Dry	Dry	N/S	Dry	Dry	N/S	Dry	Dry	Dry	Dry
*40899	Dry	Dry	Dry	Dry	Dry	N/S	Dry	Dry	N/S	N/S
40999	Sampled	Insw	N/S	Insw	N/S	N/S	Insw	Insw	N/S	N/S
*41499	Insw	Insw	Sampled	Insw	Insw	N/S	Insw	Insw	N/S	N/S
*41599	Dry	Dry	Dry	Dry	Dry	N/S	Dry	Dry	N/S	N/S
*5187	Dry	Dry	Dry	Dry	N/S	N/S	Dry	Dry	N/S	N/S
52894	Dry	Dry	N/S	Dry	Dry	N/S	Dry	Dry	Dry	Dry
52994	Dry	Dry	N/S	Dry	Dry	N/S	Dry	Dry	Dry	Dry
*55901	Sampled	Sampled	Sampled	Sampled	N/S	N/S	Sampled	Sampled	N/S	N/S
*56001	Dry	Dry	Dry	Dry	N/S	N/S	Dry	Dry	N/S	N/S
*56101	Dry	Dry	Dry	Dry	N/S	N/S	Dry	Dry	N/S	N/S
*56201	Sampled	Sampled	Sampled	Sampled	N/S	N/S	Sampled	Sampled	N/S	N/S
*56301	Sampled	Sampled	Sampled	Sampled	N/S	N/S	Sampled	Sampled	N/S	N/S
5887	Sampled	Sampled	N/S	Sampled	Sampled	N/S	Sampled	Sampled	Sampled	Sampled

N/S = Not Sampled for this analyte.

Dry = Well did not recharge after purging. No samples collected.

Insw = Insufficient water to collect this analyte.

Table 3-1: RFCA Groundwater Monitoring Locations and Sample Collection Summary  
Fourth Quarter, 2001

02-RF-00920

Well #	VOC's	Metals	Radionuclides				Water Quality Parameters			
			Pu/Am	U-isotope	Tritium	Sr <sub>89/90</sub>	Nitrate/Nitrite	TDS	SO <sub>4</sub> <sup>-2</sup>	Fluoride
60299	Dry	Dry	Dry	Dry	Dry	N/S	Dry	Dry	N/S	N/S
*60499	Sampled	Sampled	Sampled	Sampled	N/S	N/S	N/S	Insw	N/S	N/S
*60599	Sampled	Insw	Insw	Sampled	N/S	N/S	N/S	Insw	N/S	N/S
*60699	Sampled	Insw	Insw	Insw	N/S	N/S	N/S	Insw	N/S	N/S
*61099	Sampled	Sampled	N/S	Sampled	N/S	N/S	Sampled	Sampled	N/S	N/S
*61199	Sampled	Sampled	N/S	Sampled	N/S	N/S	Sampled	Sampled	N/S	N/S
*61499	Dry	Dry	Dry	Dry	N/S	N/S	N/S	N/S	N/S	N/S
70193	Sampled	Sampled	N/S	Sampled	Sampled	N/S	Sampled	Sampled	Sampled	Sampled
70393	Sampled	Sampled	N/S	Sampled	Sampled	N/S	Sampled	Sampled	Sampled	Sampled
70493	Sampled	Sampled	N/S	Sampled	Sampled	N/S	Sampled	Sampled	Sampled	Sampled
*771FDOUT#2	Dry	Dry	Dry	Dry	Dry	N/S	Dry	Dry	N/S	N/S
*83101	Sampled	Sampled	N/S	Sampled	N/S	N/S	Sampled	Sampled	N/S	N/S
*83201	Sampled	Sampled	N/S	Sampled	N/S	N/S	Sampled	Sampled	N/S	N/S
86501	Sampled	Sampled	N/S	Sampled	N/S	N/S	Sampled	Sampled	N/S	N/S
86601	Sampled	Sampled	N/S	Sampled	N/S	N/S	Sampled	Insw	N/S	N/S
86701	Dry	Dry	N/S	Dry	N/S	N/S	Dry	Dry	N/S	N/S
*88101	Dry	Dry	Dry	Dry	N/S	N/S	Dry	Dry	N/S	N/S
891COLWEL	Sampled	Sampled	N/S	Sampled	N/S	N/S	N/S	Sampled	N/S	N/S
95099	Sampled	N/S	N/S	N/S	N/S	N/S	N/S	N/S	N/S	N/S
95199	Sampled	N/S	N/S	N/S	N/S	N/S	N/S	N/S	N/S	N/S
95299	Dry	N/S	N/S	N/S	N/S	N/S	N/S	N/S	N/S	N/S
*99101	Dry	Dry	Dry	Dry	N/S	N/S	Dry	Dry	N/S	N/S
*99201	Dry	Dry	Dry	Dry	N/S	N/S	Dry	Dry	N/S	N/S
*99301	Sampled	Sampled	Sampled	Sampled	N/S	N/S	Sampled	Sampled	N/S	N/S
*99401	Dry	Dry	Dry	Dry	N/S	N/S	Dry	Dry	N/S	N/S
B206989	Sampled	Sampled	N/S	Sampled	Sampled	N/S	Sampled	Sampled	Sampled	Sampled
B208289	Dry	Dry	Dry	Dry	Dry	Dry	Dry	Dry	Dry	Dry
B208789	Sampled	Sampled	Sampled	Sampled	Sampled	Sampled	Sampled	Sampled	Sampled	Sampled
BS-865-2	Sampled	Sampled	N/S	Sampled	N/S	N/S	Sampled	Sampled	N/S	N/S
*FD-559-561	Sampled	Sampled	Sampled	Sampled	N/S	N/S	Sampled	Sampled	N/S	N/S
*FD-707-4	Sampled	N/S	N/S	N/S	N/S	N/S	N/S	N/S	N/S	N/S
*P209289	Dry	Dry	Dry	Dry	Dry	Dry	Dry	Dry	Dry	Dry
P209489	Sampled	Sampled	Sampled	Sampled	Sampled	Sampled	Sampled	Sampled	Sampled	Sampled
*P218089	Sampled	Sampled	Sampled	Sampled	N/S	N/S	N/S	Sampled	N/S	N/S
P218389	Dry	Dry	Dry	Dry	Dry	Dry	Dry	Dry	Dry	Dry
*P219089	Sampled	Sampled	Sampled	Sampled	Sampled	N/S	Sampled	Sampled	N/S	N/S
*P219189	Sampled	Insw	Insw	Sampled	Sampled	Insw	Sampled	Insw	Insw	Insw
P219489	Sampled	Sampled	Insw	Sampled	Insw	Insw	Sampled	Insw	Insw	Insw
P317989	Dry	Dry	N/S	Dry	N/S	N/S	Dry	Dry	N/S	N/S
P416689	Sampled	Sampled	Insw	Sampled	N/S	N/S	Sampled	Sampled	N/S	N/S
P416789	Sampled	Insw	Insw	Insw	N/S	N/S	Sampled	Insw	N/S	N/S
P416889	Sampled	Sampled	Sampled	Sampled	N/S	N/S	Sampled	Sampled	N/S	N/S
SW085(7780F)	Dry	Dry	Dry	Dry	N/S	N/S	Dry	Dry	N/S	N/S
SW099	Dry	N/S	N/S	N/S	N/S	N/S	N/S	Dry	N/S	N/S
SW100	Dry	N/S	N/S	N/S	N/S	N/S	N/S	Dry	N/S	N/S
*SW13494	Sampled	Sampled	Sampled	Sampled	N/S	N/S	Sampled	Sampled	N/S	N/S

N/S = Not Sampled for this analyte.

Dry = Well did not recharge after purging. No samples collected.

Insw = Insufficient water to collect this analyte.

Table 3-1: RFCA Groundwater Monitoring Locations and Sample Collection Summary  
Fourth Quarter, 2001

02-RF-00920

Additional Samples									
Well #	Methane	PCBs	Sulfide	Chloride	Nitrate	TOC	Neptunium	Alkalinity	TPH
*00200	N/S	N/S	N/S	N/S	N/S	N/S	Sampled	N/S	N/S
*00300	N/S	N/S	N/S	N/S	N/S	N/S	Sampled	N/S	N/S
*18199	Sampled	N/S	Sampled	Sampled	Sampled	Sampled	Sampled	N/S	N/S
*18399	Sampled	N/S	Sampled	Sampled	Sampled	Sampled	N/S	N/S	N/S
*18499	Sampled	N/S	Sampled	Sampled	Sampled	Sampled	N/S	N/S	N/S
*18799	Sampled	N/S	Sampled	Sampled	Sampled	Sampled	N/S	N/S	N/S
*20998	N/S	Dry	N/S	N/S	N/S	N/S	Dry	N/S	N/S
*21098	Sampled	N/S	Sampled	Sampled	Sampled	Sampled	N/S	N/S	N/S
*22796	N/S	Sampled	N/S	N/S	N/S	N/S	Sampled	N/S	N/S
*37791	N/S	Sampled	N/S	N/S	N/S	N/S	N/S	N/S	Sampled
*39691	N/S	Dry	N/S	N/S	N/S	N/S	N/S	N/S	Dry
*40599	N/S	Dry	N/S	N/S	N/S	N/S	Dry	N/S	N/S
*40699	N/S	Dry	N/S	N/S	N/S	N/S	Dry	N/S	N/S
*40799	N/S	Dry	N/S	N/S	N/S	N/S	Dry	N/S	N/S
*40899	N/S	Dry	N/S	N/S	N/S	N/S	Dry	N/S	N/S
*41499	N/S	Insw	N/S	N/S	N/S	N/S	Sampled	N/S	N/S
*41599	N/S	Dry	N/S	N/S	N/S	N/S	Dry	N/S	N/S
*5187	N/S	Dry	N/S	N/S	N/S	N/S	N/S	N/S	Dry
*55901	N/S	Sampled	N/S	N/S	N/S	N/S	N/S	N/S	N/S
*56001	N/S	Dry	N/S	N/S	N/S	N/S	N/S	N/S	N/S
*56101	N/S	Dry	N/S	N/S	N/S	N/S	N/S	N/S	N/S
*56201	N/S	Sampled	N/S	N/S	N/S	N/S	N/S	N/S	N/S
*56301	N/S	Sampled	N/S	N/S	N/S	N/S	N/S	N/S	N/S
*60499	N/S	N/S	N/S	N/S	N/S	N/S	Sampled	N/S	N/S
*60599	N/S	N/S	N/S	N/S	N/S	N/S	Insw	N/S	N/S
*60699	N/S	N/S	N/S	N/S	N/S	N/S	N/S	N/S	Insw
*61099	N/S	Sampled	N/S	N/S	N/S	N/S	N/S	N/S	Sampled
*61199	N/S	Sampled	N/S	N/S	N/S	N/S	N/S	N/S	Sampled
*61499	N/S	N/S	N/S	N/S	N/S	N/S	Dry	N/S	N/S
*771FDOUT#2	N/S	Dry	N/S	N/S	N/S	N/S	Dry	N/S	N/S
*83101	N/S	Sampled	N/S	N/S	N/S	N/S	N/S	N/S	Sampled
*83201	N/S	Sampled	N/S	N/S	N/S	N/S	N/S	N/S	Sampled
*88101	N/S	Dry	N/S	N/S	N/S	N/S	N/S	N/S	Dry
*99101	N/S	N/S	N/S	N/S	N/S	N/S	N/S	N/S	Dry
*99201	N/S	N/S	N/S	N/S	N/S	N/S	N/S	N/S	Dry
*99301	N/S	N/S	N/S	N/S	N/S	N/S	N/S	N/S	Insw
*99401	N/S	N/S	N/S	N/S	N/S	N/S	N/S	N/S	Dry
*FD-559-561	N/S	Sampled	N/S	N/S	N/S	N/S	N/S	N/S	N/S
*FD-707-4	N/S	N/S	N/S	N/S	N/S	N/S	N/S	N/S	N/S
*P209289	N/S	Dry	N/S	N/S	N/S	N/S	Dry	N/S	N/S
*P218089	N/S	N/S	N/S	N/S	N/S	N/S	Sampled	N/S	N/S
*P219089	N/S	Sampled	N/S	N/S	N/S	N/S	Sampled	N/S	N/S
*P219189	N/S	Insw	N/S	N/S	N/S	N/S	Insw	N/S	N/S
*SW13494	N/S	Sampled	N/S	N/S	N/S	N/S	N/S	N/S	Sampled

N/S = Not Sampled for this analyte.

Dry = Well did not recharge after purging. No samples collected.

Insw = Insufficient water to collect this analyte.

Table 3-2: Fourth Quarter, 2001 RFCA Groundwater Sample Comparisons With Tier II Action Levels and IMP Reporting Criteria

02-RF-00920

Location	Sample Date	Sample #	Analyte	QC Type	Result Type	Result Units	Tier II	Lab Qual	Valid- ation	Detect Limit	Dilu- tion	Tier II Ratio	Back- ground M2SD	Back- ground Ratio	Historic M2SD	Historic Ratio	IMP Well Class	Reportable Result?
55901	12/17/01	GW07871RG	1,1-DICHLOROETHENE	REAL	TR1	13 UG/L	7		V1	0.2	1	1.86			ND		D&D Bldg 559	No
55901	12/17/01	GW07871RG	CARBON TETRACHLORIDE	REAL	TR1	49 UG/L	5		V1	0.19	1	9.80			ND		D&D Bldg 559	No
55901	12/17/01	GW07871RG	TETRACHLOROETHENE	REAL	TR1	5.5 UG/L	5		V1	0.36	1	1.10			ND		D&D Bldg 559	No
55901	12/26/01	GW07871RG	THALLIUM	REAL	TR1	2.5 UG/L	2	B	V	2.1	1	1.25	4.9	0.51	ND		D&D Bldg 559	No
55901	12/17/01	GW07871RG	TRICHLOROETHENE	REAL	TR1	14 UG/L	5		V1	0.22	1	2.80			ND		D&D Bldg 559	No
56201	12/17/01	GW07876RG	1,1-DICHLOROETHENE	REAL	TR1	8.2 UG/L	7		V1	0.2	1	1.17			ND		D&D Bldg 559	No
56201	12/17/01	GW07876RG	CARBON TETRACHLORIDE	REAL	TR1	37 UG/L	5		V1	0.19	1	7.40			ND		D&D Bldg 559	No
56201	12/17/01	GW07876RG	TRICHLOROETHENE	REAL	TR1	20 UG/L	5		V1	0.22	1	4.00			ND		D&D Bldg 559	No
56301	12/12/01	GW07877RG	1,1-DICHLOROETHENE	REAL	TR1	21 UG/L	7		V	0.2	1	3.00			ND		D&D Bldg 559	No
56301	12/12/01	GW07877RG	CARBON TETRACHLORIDE	REAL	DL1	44 UG/L	5		V	0.38	2	8.80			ND		D&D Bldg 559	No
56301	12/12/01	GW07877RG	TETRACHLOROETHENE	REAL	TR1	9.7 UG/L	5		V	0.36	1	1.94			ND		D&D Bldg 559	No
56301	12/12/01	GW07877RG	TRICHLOROETHENE	REAL	TR1	16 UG/L	5		V	0.22	1	3.20			ND		D&D Bldg 559	No
56301	12/13/01	GW07877RG	URANIUM-233,-234	REAL	TR1	2.37 PC/I/L	1.06		V	0.0941		2.24	60.7	0.04			D&D Bldg 559	No
56301	12/13/01	GW07877RG	URANIUM-238	REAL	TR1	1.43 PC/I/L	0.768		V	0.0941		1.86	41.8	0.03			D&D Bldg 559	No
FD-559-561	12/13/01	SW07878RG	1,1-DICHLOROETHENE	REAL	DL1	14 UG/L	7		V	0.4	2	2.00			ID		D&D Bldg 559-561	No
FD-559-561	12/13/01	SW07878RG	CARBON TETRACHLORIDE	REAL	DL1	100 UG/L	5		V	1.9	10	20.00			ID		D&D Bldg 559-561	No
FD-559-561	12/13/01	SW07878RG	TETRACHLOROETHENE	REAL	DL1	5.5 UG/L	5		V	0.72	2	1.10			ID		D&D Bldg 559-561	No
FD-559-561	12/13/01	SW07878RG	TRICHLOROETHENE	REAL	DL1	270 UG/L	5		V	2.2	10	54.00			ID		D&D Bldg 559-561	No
FD-559-561	12/13/01	SW07878RG	URANIUM-233,-234	REAL	TR1	1.35 PC/I/L	1.06		V	0.179		1.27	60.7	0.02			D&D Bldg 559-561	No
00200	10/18/01	GW07842RG	THALLIUM	REAL	TR1	3.9 UG/L	2	B	UJ1	2.1	1	1.95	4.9	0.80	ND		D&D Bldg 707	No
00300	10/10/01	GW07843RG	TRICHLOROETHENE	REAL	TR1	3 UG/L	2	B	UJ1	2.1	1	1.50	4.9	0.61	ND		D&D Bldg 707	No
00300	10/10/01	GW07843RG	TRICHLOROETHENE	REAL	TR1	5.8 UG/L	5		V1	0.22	1	1.16			ND		D&D Bldg 707	No
00300	11/6/01	GW07843RG	URANIUM-233,-234	REAL	TR1	23.9 PC/I/L	1.06		V1	0.359		22.55	60.7	0.39			D&D Bldg 707	No
00300	11/6/01	GW07843RG	URANIUM-238	REAL	TR1	15.8 PC/I/L	0.768		V1	0.18		20.57	41.8	0.38			D&D Bldg 707	No
60499	10/10/01	GW07844RG	THALLIUM	REAL	TR1	3.5 UG/L	2	B	J1	2.1	1	1.75	4.9	0.71	ND		D&D Bldg 707	No
60499	10/10/01	GW07844RG	URANIUM-233,-234	REAL	TR1	4.74 PC/I/L	1.06		V1	0.193		4.47	60.7	0.08			D&D Bldg 707	No
60499	10/10/01	GW07844RG	URANIUM-238	REAL	TR1	2.81 PC/I/L	0.768		V1	0.147		3.66	41.8	0.07			D&D Bldg 707	No
60599	10/11/01	GW07845RG	TETRACHLOROETHENE	REAL	DL1	170 UG/L	5		V1	1.2	3.33	34.00			ND		D&D Bldg 707	No
60599	10/11/01	GW07845RG	URANIUM-233,-234	REAL	TR1	16.5 PC/I/L	1.06		V	0.344		15.57	60.7	0.27			D&D Bldg 707	No
60599	10/11/01	GW07845RG	URANIUM-238	REAL	TR1	10.5 PC/I/L	0.768		V	0.423		13.67	41.8	0.25			D&D Bldg 707	No
P218089	10/22/01	GW07841RG	THALLIUM	REAL	TR1	4.5 UG/L	2		UJ1	2.1	1	2.25	4.9	0.92	ID		D&D Bldg 707	No
P218089	11/29/01	GW07841RG	URANIUM-233,-234	REAL	TR1	4.13 PC/I/L	1.06		V1	0.174		3.90	60.7	0.07			D&D Bldg 707	No
P218089	11/29/01	GW07841RG	URANIUM-238	REAL	TR1	2.04 PC/I/L	0.768		V1	0.148		2.66	41.8	0.05			D&D Bldg 707	No
P218089	10/30/01	GW07839RG	THALLIUM	REAL	TR1	2.7 UG/L	2	B	UJ1	2.1	1	1.35	4.9	0.55	ID		D&D Bldg 771	No
P218089	10/30/01	GW07839RG	URANIUM-233,-234	REAL	TR1	6.12 PC/I/L	1.06		V1	0.213		5.77	60.7	0.10			D&D Bldg 771	No
P218089	10/30/01	GW07839RG	URANIUM-238	REAL	TR1	3.32 PC/I/L	0.768		V1	0.228		4.32	41.8	0.08			D&D Bldg 771	No
00400	11/28/01	GW07848RG	URANIUM-233,-234	REAL	TR1	2.05 PC/I/L	1.06		V1	0.25		1.93	60.7	0.03			D&D Bldg 776/777	No

Table 3-2: Fourth Quarter, 2001 RFCA Groundwater Sample Comparisons With Tier II Action Levels and IMP Reporting Criteria

02-RF-00920

Location	Sample Date	Sample #	Analyte	QC Type	Result Type	Result Units	Tier II	Lab Qual	Valid-ation	Detect Limit	Dilution	Tier II Ratio	Back-ground M2SD	Back-ground Ratio	Historic M2SD	Historic Ratio	IMP Well Class	Reportable Result?
00400	11/28/01	GW07848RG	URANIUM-238	REAL	TR1	1.01 PC/L	0.768		V1	0.284		1.32	41.8	0.02			D&D Bldg 776/777	No
00500	11/12/01	GW07849RG	MANGANESE	REAL	TR1	2610 UG/L	1720		V1	0.23	1	1.52	162.33	16.08	ND		D&D Bldg 776/777	No
00500	11/12/01	GW07849RG	THALLIUM	REAL	TR1	2.4 UG/L	2	B	J1	2.1	1	1.20	4.9	0.49	ND		D&D Bldg 776/777	No
00600	11/15/01	GW07850RG	THALLIUM	REAL	TR1	4.4 UG/L	2		J1	2.1	1	2.20	4.9	0.90	ND		D&D Bldg 776/777	No
00700	11/14/01	GW07853RG	1,1-DICHLOROETHENE	REAL	DL1	500 UG/L	7		V1	40	200	71.43			ND		D&D Bldg 776/777	No
00700	11/14/01	GW07853RG	1,2-DICHLOROETHANE	REAL	RX1	7.9 UG/L	5		V1	1.9	6.66	1.58			ND		D&D Bldg 776/777	No
00700	11/14/01	GW07853RG	CARBON TETRACHLORIDE	REAL	DL1	3000 UG/L	5		V1	38	200	600.00			ND		D&D Bldg 776/777	No
00700	11/14/01	GW07853RG	CHLOROFORM	REAL	RX1	340 UG/L	100		V1	1.5	6.66	3.40			ND		D&D Bldg 776/777	No
00700	11/14/01	GW07853RG	TETRACHLOROETHENE	REAL	RX1	11 UG/L	5		V1	2.4	6.66	2.20			ND		D&D Bldg 776/777	No
00100	11/15/01	GW07856RG	CARBON TETRACHLORIDE	DUP	TR1	5.7 UG/L	5		V1	0.19	1	1.14			ND		D&D Bldg 779	No
00100	11/15/01	GW07856RG	THALLIUM	DUP	TR1	2.9 UG/L	2	B	J1	2.1	1	1.45	4.9	0.59	ND		D&D Bldg 779	No
00100	11/15/01	GW07856RG	TRICHLOROETHENE	DUP	TR1	55 UG/L	5		V1	0.22	1	11.00			ND		D&D Bldg 779	No
00100	11/15/01	GW07855RG	URANIUM-233, -234	REAL	TR1	2.3 PC/L	1.06		V	0.329		2.17	60.7	0.04			D&D Bldg 779	No
00100	11/15/01	GW07856RG	URANIUM-238	DUP	TR1	1.08 PC/L	0.768		V	0.207		1.41	41.8	0.03			D&D Bldg 779	No
02500	10/23/01	GW07858RG	NITRATE/NITRITE	REAL	DL1	15.7 MG/L	10		V1	0.1	5	1.57	4.664	3.37	ND		D&D Bldg 779	No
02500	10/23/01	GW07858RG	THALLIUM	REAL	TR1	7.4 UG/L	2		UJ1	2.1	1	3.70	4.9	1.51	ND		D&D Bldg 779	No
02500	10/23/01	GW07858RG	TRICHLOROETHENE	REAL	TR1	19 UG/L	5		V1	0.22	1	3.80			ND		D&D Bldg 779	No
02500	10/23/01	GW07858RG	URANIUM-233, -234	REAL	TR1	6.27 PC/L	1.06		V1	0.271		5.92	60.7	0.10			D&D Bldg 779	No
02500	10/23/01	GW07858RG	URANIUM-238	REAL	TR1	3.26 PC/L	0.768		V1	0.179		4.24	41.8	0.08			D&D Bldg 779	No
86501	12/4/01	GW07879RG	URANIUM-233, -234	REAL	TR1	37.2 PC/L	1.06		V1	0.168		35.09	60.7	0.61			D&D Bldg 865	No
86501	12/4/01	GW07879RG	URANIUM-235	REAL	TR1	1.1 PC/L	1.01		V1	0.35		1.09	1.79	0.61			D&D Bldg 865	No
86501	12/4/01	GW07879RG	URANIUM-238	REAL	TR1	26.5 PC/L	0.768		V1	0.296		34.51	41.8	0.63			D&D Bldg 865	No
86601	12/10/01	GW07880RG	URANIUM-233, -234	REAL	TR1	17.4 PC/L	1.06		V	0.0817		16.42	60.7	0.29			D&D Bldg 865	No
86601	12/10/01	GW07880RG	URANIUM-238	REAL	TR1	12 PC/L	0.768		V	0.0817		15.63	41.8	0.29			D&D Bldg 865	No
BS-865-2	12/13/01	SW07911RG	URANIUM-233, -234	REAL	TR1	4.2 PC/L	1.06		V	0.0897		3.96	60.7	0.07			D&D Bldg 865	No
BS-865-2	12/13/01	SW07911RG	URANIUM-238	REAL	TR1	3.23 PC/L	0.768		V	0.0427		4.21	41.8	0.08			D&D Bldg 865	No
37791	12/11/01	GW07888RG	THALLIUM	DUP	TR1	2.3 UG/L	2	B	UJ1	2.1	1	1.15	4.9	0.47	1.95	1.18	D&D Bldg 881	No
37791	12/11/01	GW07884RG	URANIUM-233, -234	REAL	TR1	7.36 PC/L	1.06		V	0.126		6.94	60.7	0.12			D&D Bldg 881	No
37791	12/11/01	GW07884RG	URANIUM-238	REAL	TR1	5.87 PC/L	0.768		V	0.0433		7.64	41.8	0.14			D&D Bldg 881	No
61099	12/11/01	GW07892RG	TETRACHLOROETHENE	REAL	TR1	15 UG/L	5		V	0.36	1	3.00			ND		D&D Bldg 883	No
61099	12/17/01	GW07892RG	URANIUM-233, -234	REAL	TR1	1.19 PC/L	1.06		V	0.0451		1.12	60.7	0.02			D&D Bldg 883	No
61099	12/17/01	GW07892RG	URANIUM-238	REAL	TR1	0.804 PC/L	0.768	J	V	0.0947		1.05	41.8	0.02			D&D Bldg 883	No
61199	12/11/01	GW07891RG	TETRACHLOROETHENE	REAL	DL1	160 UG/L	5		V	1.8	5	32.00			ND		D&D Bldg 883	No
61199	12/11/01	GW07891RG	THALLIUM	REAL	TR1	2.2 UG/L	2	B	UJ1	2.1	1	1.10	4.9	0.45	ND		D&D Bldg 883	No
61199	12/11/01	GW07891RG	TRICHLOROETHENE	REAL	TR1	11 UG/L	5		V	0.22	1	2.20			ND		D&D Bldg 883	No
61199	12/11/01	GW07891RG	URANIUM-233, -234	REAL	TR1	2.33 PC/L	1.06		V	0.151		2.20	60.7	0.04			D&D Bldg 883	No
61199	12/11/01	GW07891RG	URANIUM-238	REAL	TR1	1.17 PC/L	0.768		V	0.151		1.52	41.8	0.03			D&D Bldg 883	No



Table 3-2: Fourth Quarter, 2001 RFCA Groundwater Sample Comparisons With Tier II Action Levels and IMP Reporting Criteria

02-RF-00920

Location	Sample Date	Sample #	Analyte	QC Type	Result Type	Result	Units	Tier II	Lab Qual	Valid- ation	Detect Limit	Dilu- tion	Tier II Ratio	Back- ground M2SD	Back- ground Ratio	Historic M2SD	Historic Ratio	IMP Well Class	Reportable Result?
83201	12/27/01	GW07894RG	MERCURY	REAL	TR1	2.9	UG/L	2		V	0.023	1	1.45	0.25	11.60	ND		D&D Bldg 883	No
83201	12/27/01	GW07894RG	SELENIUM	REAL	TR1	58.3	UG/L	50		J	2.1	1	1.17	43.72	1.33	ND		D&D Bldg 883	No
83201	12/27/01	GW07894RG	THALLIUM	REAL	TR1	3.6	UG/L	2	B	J	2.4	1	1.80	4.9	0.73	ND		D&D Bldg 883	No
83201	12/12/01	GW07894RG	URANIUM-233,-234	REAL	TR1	161	PCI/L	1.06		V	0.178		151.89	60.7	2.65			D&D Bldg 883	No
83201	12/12/01	GW07894RG	URANIUM-235	REAL	TR1	7.19	PCI/L	1.01		V	0.217		7.12	1.79	4.02			D&D Bldg 883	No
83201	12/12/01	GW07894RG	URANIUM-238	REAL	TR1	127	PCI/L	0.768		V	0.217		165.36	41.8	3.04			D&D Bldg 883	No
83101	12/6/01	GW07893RG	CADMIUM	REAL	TR1	5.3	UG/L	5		V1	0.18	1	1.06	4.25	1.25	ND		D&D Bldg 883/881	No
83101	12/5/01	GW07893RG	TETRACHLOROETHENE	REAL	TR1	29	UG/L	5		V	0.36	1	5.80			ND		D&D Bldg 883/881	No
83101	12/5/01	GW07893RG	TRICHLOROETHENE	REAL	TR1	8.6	UG/L	5		V	0.22	1	1.72			ND		D&D Bldg 883/881	No
83101	12/10/01	GW07893RG	URANIUM-233,-234	REAL	TR1	8.14	PCI/L	1.06		V1	0.173		7.68	60.7	0.13			D&D Bldg 883/881	No
83101	12/10/01	GW07893RG	URANIUM-238	REAL	TR1	7.56	PCI/L	0.768		V1	0.248		9.84	41.8	0.18			D&D Bldg 883/881	No
99301	12/6/01	GW07897RG	SELENIUM	REAL	TR1	164	UG/L	50		V1	2.4	1	3.28	43.72	3.75	ND		D&D Bldg 991	No
99301	12/6/01	GW07897RG	TRICHLOROETHENE	REAL	TR1	55	UG/L	5		V	0.22	1	11.00			ND		D&D Bldg 991	No
99301	12/13/01	GW07897RG	URANIUM-233,-234	REAL	TR1	21.4	PCI/L	1.06		V	0.146		20.19	60.7	0.35			D&D Bldg 991	No
99301	12/13/01	GW07897RG	URANIUM-238	REAL	TR1	16.2	PCI/L	0.768		V	0.12		21.09	41.8	0.39			D&D Bldg 991	No
00897	10/5/01	GW07775RG	TETRACHLOROETHENE	REAL	DL1	22000	UG/L	5		V1	360	1000	4400.00			ND		Perf Monitoring	No
00897	10/5/01	GW07775RG	THALLIUM	REAL	TR1	4.4	UG/L	2		UJ1	2.1	1	2.20	4.9	0.90	ND		Perf Monitoring	No
00897	10/5/01	GW07775RG	TRICHLOROETHENE	REAL	RX1	1500	UG/L	5		V1	22	100	300.00			ND		Perf Monitoring	No
00897	10/5/01	GW07775RG	URANIUM-233,-234	REAL	TR1	4.31	PCI/L	1.06		V1	0.195		4.07	60.7	0.07			Perf Monitoring	No
00897	10/5/01	GW07775RG	URANIUM-238	REAL	TR1	2.06	PCI/L	0.768		V1	0.195		2.68	41.8	0.05			Perf Monitoring	No
02291	10/11/01	GW07776RG	TETRACHLOROETHENE	REAL	DL1	6800	UG/L	5		V1	72	200	1360.00			4204.60	1.62	Perf Monitoring	No
02291	10/11/01	GW07777RG	THALLIUM	DUP	TR1	4.9	UG/L	2		UJ1	2.1	1	2.45	4.9	1.00	2.03	2.41	Perf Monitoring	No
02291	10/11/01	GW07776RG	TRICHLOROETHENE	REAL	DL1	630	UG/L	5		V1	44	200	126.00			453.73	1.39	Perf Monitoring	No
02291	10/11/01	GW07776RG	URANIUM-233,-234	REAL	TR1	2.49	PCI/L	1.06		V	0.15		2.35	60.7	0.04			Perf Monitoring	No
02291	10/11/01	GW07776RG	URANIUM-238	REAL	TR1	1.36	PCI/L	0.768		V	0.15		1.77	41.8	0.03			Perf Monitoring	No
11891	10/5/01	GW07784RG	CARBON TETRACHLORIDE	REAL	DL1	490	UG/L	5		V1	3.8	20	98.00			737.11	0.66	Perf Monitoring	No
11891	10/5/01	GW07784RG	TETRACHLOROETHENE	REAL	DL1	220	UG/L	5		V1	7.2	20	44.00			319.90	0.69	Perf Monitoring	No
11891	10/5/01	GW07784RG	THALLIUM	REAL	TR1	4.1	UG/L	2		UJ1	2.1	1	2.05	4.9	0.84	2.33	1.76	Perf Monitoring	No
11891	10/5/01	GW07784RG	TRICHLOROETHENE	REAL	RX1	35	UG/L	5		V1	0.44	2	7.00			97.07	0.36	Perf Monitoring	No
11891	10/5/01	GW07784RG	URANIUM-233,-234	REAL	TR1	2.65	PCI/L	1.06		V1	0.646		2.50	60.7	0.04			Perf Monitoring	No
11891	10/5/01	GW07784RG	URANIUM-238	REAL	TR1	1.16	PCI/L	0.768		V1	0.734		1.51	41.8	0.03			Perf Monitoring	No
12191	10/18/01	GW07786RG	CARBON TETRACHLORIDE	REAL	DL1	110	UG/L	5		V1	1.9	10	22.00			435.97	0.25	Perf Monitoring	No
12191	10/18/01	GW07786RG	TETRACHLOROETHENE	REAL	DL1	470	UG/L	5		V1	3.6	10	94.00			486.50	0.97	Perf Monitoring	No
12191	10/18/01	GW07786RG	THALLIUM	REAL	TR1	3.3	UG/L	2	B	UJ1	2.1	1	1.65	4.9	0.67	2.62	1.26	Perf Monitoring	No
12191	10/18/01	GW07786RG	TRICHLOROETHENE	REAL	TR1	40	UG/L	5		V1	0.22	1	8.00			67.86	0.59	Perf Monitoring	No
12191	10/18/01	GW07786RG	URANIUM-233,-234	REAL	TR1	1.77	PCI/L	1.06		V	0.201		1.67	60.7	0.03			Perf Monitoring	No
12191	10/18/01	GW07786RG	URANIUM-238	REAL	TR1	1.18	PCI/L	0.768		V	0.152		1.54	41.8	0.03			Perf Monitoring	No



Table 3-2: Fourth Quarter, 2001 RFCA Groundwater Sample Comparisons With Tier II Action Levels and IMP Reporting Criteria

02-RF-00920

Location	Sample Date	Sample #	Analyte	QC Type	Result Type	Result Units	Tier II	Lab Qual	Valid- ation	Detect Limit	Dilu- tion	Tier II Ratio	Back- ground M2SD	Back- ground Ratio	Historic M2SD	Historic Ratio	IMP Well Class	Reportable Result?
15699	10/22/01	GW07801RG	1,1-DICHLOROETHENE	REAL	DL1	86 UG/L	7		V1	0.8	4	12.29			ND		Perf Monitoring	No
15699	10/22/01	GW07801RG	cis-1,2-DICHLOROETHENE	REAL	DL1	200 UG/L	70		V1	1	4	2.86			ND		Perf Monitoring	No
15699	10/22/01	GW07801RG	TETRACHLOROETHENE	REAL	DL1	920 UG/L	5		V1	14	40	184.00			ND		Perf Monitoring	No
15699	10/22/01	GW07801RG	TRICHLOROETHENE	REAL	DL1	1400 UG/L	5		V1	8.8	40	280.00			ND		Perf Monitoring	No
15699	12/10/01	GW07801RG	URANIUM-233,-234	REAL	TR1	17.7 PC/L	1.06		V	0.108		16.70	60.7	0.29			Perf Monitoring	No
15699	12/10/01	GW07801RG	URANIUM-238	REAL	TR1	11.7 PC/L	0.768		V	0.0888		15.23	41.8	0.28			Perf Monitoring	No
3687	10/16/01	GW07782RG	1,1-DICHLOROETHENE	REAL	DL1	23 UG/L	7	J	V1	8	40	3.29			191.60	0.12	Perf Monitoring	No
3687	10/16/01	GW07783RG	CARBON TETRACHLORIDE	DUP	DL1	370 UG/L	5		V1	7.6	40	74.00			1255.40	0.29	Perf Monitoring	No
3687	10/16/01	GW07782RG	CHLOROFORM	REAL	DL1	140 UG/L	100		V1	9.2	40	1.40			1072.39	0.13	Perf Monitoring	No
3687	10/16/01	GW07783RG	TETRACHLOROETHENE	DUP	DL1	390 UG/L	5		V1	14	40	78.00			814.46	0.48	Perf Monitoring	No
3687	10/16/01	GW07783RG	THALLIUM	DUP	TR1	3.9 UG/L	2	B	UJ1	2.1	1	1.95	4.9	0.80	2.21	1.76	Perf Monitoring	No
3687	10/16/01	GW07782RG	TRICHLOROETHENE	REAL	DL1	11000 UG/L	5		V1	88	400	2200.00			91325.32	0.12	Perf Monitoring	No
3687	10/16/01	GW07783RG	URANIUM-233,-234	DUP	TR1	1.8 PC/L	1.06		V	0.208		1.70	60.7	0.03			Perf Monitoring	No
3687	10/16/01	GW07782RG	URANIUM-238	REAL	TR1	0.946 PC/L	0.768	J	V	0.173		1.23	41.8	0.02			Perf Monitoring	No
891COLWEL	12/17/01	GW07823RG	1,1-DICHLOROETHENE	REAL	TR1	14 UG/L	7		V1	0.2	1	2.00			44.16	0.32	Perf Monitoring	No
891COLWEL	12/17/01	GW07823RG	CARBON TETRACHLORIDE	REAL	TR1	13 UG/L	5		V1	0.19	1	2.60			34.70	0.37	Perf Monitoring	No
891COLWEL	12/17/01	GW07823RG	SELENIUM	REAL	TR1	664 UG/L	50		V1	2.4	1	13.28	43.72	15.19	924.05	0.72	Perf Monitoring	No
891COLWEL	12/17/01	GW07823RG	TETRACHLOROETHENE	REAL	TR1	29 UG/L	5		V1	0.36	1	5.80			154.58	0.19	Perf Monitoring	No
891COLWEL	12/17/01	GW07823RG	THALLIUM	REAL	TR1	4.4 UG/L	2		UJ1	2.1	1	2.20	4.9	0.90	5.37	0.82	Perf Monitoring	No
891COLWEL	12/17/01	GW07823RG	TRICHLOROETHENE	REAL	DL1	320 UG/L	5		V1	2.2	10	64.00			1234.43	0.26	Perf Monitoring	No
891COLWEL	12/17/01	GW07823RG	URANIUM-233,-234	REAL	TR1	11.3 PC/L	1.06		V	0.105		10.66	60.7	0.19			Perf Monitoring	No
891COLWEL	12/17/01	GW07823RG	URANIUM-238	REAL	TR1	7.83 PC/L	0.768		V	0.0409		10.20	41.8	0.19			Perf Monitoring	No
95199	10/23/01	GW07807RG	TRICHLOROETHENE	REAL	TR1	51 UG/L	5		V1	0.22	1	10.20			ND		Perf Monitoring	No
SW13494	12/12/01	SW07890RG	TETRACHLOROETHENE	REAL	TR1	27 UG/L	5		V	0.36	1	5.40			30.70	0.88	Perf Monitoring	No
SW13494	12/12/01	SW07890RG	URANIUM-233,-234	REAL	TR1	3.17 PC/L	1.06		V	0.162		2.99	60.7	0.05			Perf Monitoring	No
SW13494	12/12/01	SW07890RG	URANIUM-238	REAL	TR1	2.53 PC/L	0.768		V	0.183		3.29	41.8	0.06			Perf Monitoring	No
P209489	10/5/01	GW07791RG	CARBON TETRACHLORIDE	REAL	TR1	35 UG/L	5		V1	0.19	1	7.00			83.26	0.42	Plume Definition	No
P209489	10/5/01	GW07791RG	NITRATE/NITRITE	REAL	DL1	186 MG/L	10		V1	2.1	100	18.60	4.664	39.88	316.34	0.59	Plume Definition	No
P209489	10/8/01	GW07791RG	THALLIUM	REAL	TR1	3.4 UG/L	2	B	UJ1	2.1	1	1.70	4.9	0.69	6.54	0.52	Plume Definition	No
P209489	10/5/01	GW07791RG	TRICHLOROETHENE	REAL	TR1	49 UG/L	5		V1	0.22	1	9.80			90.40	0.54	Plume Definition	No
P209489	10/8/01	GW07791RG	URANIUM-233,-234	REAL	TR1	26.5 PC/L	1.06		V1	0.35		25.00	60.7	0.44			Plume Definition	No
P209489	10/8/01	GW07791RG	URANIUM-235	REAL	TR1	1.13 PC/L	1.01		V1	0.323		1.12	1.79	0.63			Plume Definition	No
P209489	10/8/01	GW07791RG	URANIUM-238	REAL	TR1	21.7 PC/L	0.768		V1	0.288		28.26	41.8	0.52			Plume Definition	No
P219189	10/9/01	GW07793RG	1,1-DICHLOROETHENE	REAL	TR1	21 UG/L	7		V1	0.2	1	3.00			46.79	0.45	Plume Definition	No
P219189	11/29/01	GW07793RG	URANIUM-233,-234	REAL	TR1	52.8 PC/L	1.06		V1	0.41		49.81	60.7	0.87			Plume Definition	No
P219189	11/29/01	GW07793RG	URANIUM-235	REAL	TR1	1.62 PC/L	1.01		V1	0.567		1.60	1.79	0.91			Plume Definition	No
P219189	11/29/01	GW07793RG	URANIUM-238	REAL	TR1	37.9 PC/L	0.768		V1	0.458		49.35	41.8	0.91			Plume Definition	No

Table 3-2: Fourth Quarter, 2001 RFCA Groundwater Sample Comparisons With Tier II Action Levels and IMP Reporting Criteria

02-RF-00920

Location	Sample Date	Sample #	Analyte	QC Type	Result Type	Result Units	Tier II	Lab Qual	Valid-ation	Detect Limit	Dilu-tion	Tier II Ratio	Back-ground M2SD	Back-ground Ratio	Historic M2SD	Historic Ratio	IMP Well Class	Reportable Result?
P416889	11/13/01	GW07797RG	TETRACHLOROETHENE	REAL	TR1	57 UG/L	5		V1	0.36	1	11.40			79.60	0.72	Plume Definition	No
P416889	11/13/01	GW07797RG	URANIUM-233,-234	REAL	TR1	1.07 PC/I/L	1.06		V	0.153		1.01	60.7	0.02			Plume Definition	No
18199	10/29/01	GW07830RG	CARBON TETRACHLORIDE	REAL	DL1	19000 UG/L	5		V1	130	667	3800.00			ND		Plume Degradation	No
18199	10/29/01	GW07830RG	CHLOROFORM	REAL	DL1	3300 UG/L	100		V1	15	66.7	33.00			ND		Plume Degradation	No
18199	10/29/01	GW07830RG	TETRACHLOROETHENE	REAL	DL1	44 UG/L	5	J	V1	24	66.7	8.80			ND		Plume Degradation	No
18199	10/29/01	GW07830RG	THALLIUM	REAL	TR1	2.3 UG/L	2	B	UJ1	2.1	1	1.15	4.9	0.47	ND		Plume Degradation	No
18399	10/29/01	GW07826RG	CARBON TETRACHLORIDE	REAL	DL1	55000 UG/L	5		V1	380	2000	11000			ND		Plume Degradation	No
18399	10/29/01	GW07826RG	CHLOROFORM	REAL	DL1	3700 UG/L	100		V1	46	200	37.00			ND		Plume Degradation	No
18499	10/30/01	GW07827RG	CARBON TETRACHLORIDE	REAL	DL1	24000 UG/L	5		V1	380	2000	4800.00			ND		Plume Degradation	No
18499	10/30/01	GW07827RG	HEXACHLOROETHANE (m)	REAL	DL1	1602 UG/L	6.08	J	V1		80	263.49			ND		Plume Degradation	No
18499	10/30/01	GW07827RG	METHYLENE CHLORIDE	REAL	DL1	100 UG/L	5		V1	71	80	20.00			ND		Plume Degradation	No
18499	10/30/01	GW07827RG	TETRACHLOROETHENE	REAL	DL1	78 UG/L	5	J	V1	29	80	15.60			ND		Plume Degradation	No
18799	10/30/01	GW07828RG	1,1-DICHLOROETHENE	REAL	DL1	11 UG/L	7		V1	0.5	2.5	1.57			ND		Plume Degradation	No
18799	10/30/01	GW07828RG	CARBON TETRACHLORIDE	REAL	DL1	850 UG/L	5		V1	4.8	25	170.00			ND		Plume Degradation	No
18799	10/30/01	GW07828RG	CHLOROFORM	REAL	DL1	520 UG/L	100		V1	5.8	25	5.20			ND		Plume Degradation	No
18799	10/30/01	GW07828RG	TETRACHLOROETHENE	REAL	DL1	12 UG/L	5		V1	0.9	2.5	2.40			ND		Plume Degradation	No
21098	11/1/01	GW07829RG	CARBON TETRACHLORIDE	REAL	DL1	4300 UG/L	5		V1	19	100	860.00			ND		Plume Degradation	No
21098	11/1/01	GW07829RG	CHLOROFORM	REAL	DL1	230 UG/L	100		V1	23	100	2.30			ND		Plume Degradation	No
21098	11/1/01	GW07829RG	TETRACHLOROETHENE	REAL	RX1	5 UG/L	5	J	V1	3.6	10	1.00			ND		Plume Degradation	No
1386	11/1/01	GW07812RG	NICKEL	REAL	TR1	382 UG/L	140		V	3.4	1	2.73	21.37	17.88	308.75	1.24	Plume Extent	Yes
1386	11/1/01	GW07812RG	THALLIUM	REAL	TR1	2.8 UG/L	2	B	J	2.1	1	1.40	4.9	0.57	1.84	1.52	Plume Extent	No
1386	10/25/01	GW07812RG	URANIUM-233,-234 (total)	REAL	TR1	5.88 PC/I/L	1.06		V1	0.311		5.55	60.7	0.10			Plume Extent	No
1386	10/25/01	GW07812RG	URANIUM-238 (total)	REAL	TR1	4.31 PC/I/L	0.768		V1	0.0885		5.61	41.8	0.10			Plume Extent	No
1786	10/16/01	GW07813RG	SELENIUM	REAL	TR1	465 UG/L	50		V1	2.4	1	9.30	43.72	10.64	245.70	1.89	Plume Extent	Yes
1786	10/16/01	GW07813RG	THALLIUM	REAL	TR1	5.3 UG/L	2		UJ1	2.1	1	2.65	4.9	1.08	5.60	0.95	Plume Extent	Yes
1786	10/16/01	GW07813RG	URANIUM-233,-234 (total)	REAL	TR1	32.3 PC/I/L	1.06		V	0.255		30.47	60.7	0.53			Plume Extent	No
1786	10/16/01	GW07813RG	URANIUM-235 (total)	REAL	TR1	1.96 PC/I/L	1.01		V	0.14		1.94	1.79	1.09	1.99	0.98	Plume Extent	Yes
1786	10/16/01	GW07813RG	URANIUM-238 (total)	REAL	TR1	24 PC/I/L	0.768		V	0.116		31.25	41.8	0.57			Plume Extent	No
1986	10/8/01	GW07779RG	MANGANESE	REAL	TR1	3500 UG/L	1720		V1	0.23	1	2.03	162.33	21.56	3316.10	1.06	Plume Extent	Yes
1986	10/8/01	GW07779RG	THALLIUM	REAL	TR1	3.8 UG/L	2	B	UJ1	2.1	1	1.90	4.9	0.78	4.21	0.90	Plume Extent	No
1986	10/8/01	GW07779RG	URANIUM-233,-234	REAL	TR1	2.8 PC/I/L	1.06		V1	0.104		2.64	60.7	0.05			Plume Extent	No
1986	10/8/01	GW07779RG	URANIUM-238	REAL	TR1	1.55 PC/I/L	0.768		V1	0.183		2.02	41.8	0.04			Plume Extent	No
2186	11/13/01	GW07780RG	THALLIUM	REAL	TR1	2.2 UG/L	2	B	J1	2.1	1	1.10	4.9	0.45	3.46	0.64	Plume Extent	No
2186	11/13/01	GW07780RG	URANIUM-233,-234	REAL	TR1	3.32 PC/I/L	1.06		V	0.228		3.13	60.7	0.05			Plume Extent	No
2186	11/13/01	GW07780RG	URANIUM-238	REAL	TR1	1.2 PC/I/L	0.768		V	0.297		1.56	41.8	0.03			Plume Extent	No
22796	10/9/01	GW07787RG	THALLIUM	REAL	TR1	4.3 UG/L	2		UJ1	2.1	1	2.15	4.9	0.88	ND		Plume Extent	No
22796	10/9/01	GW07787RG	TRICHLOROETHENE	REAL	DL1	23 UG/L	5		V1	0.44	2	4.60			ND		Plume Extent	Yes

Table 3-2: Fourth Quarter, 2001 RFCA Groundwater Sample Comparisons With Tier II Action Levels and IMP Reporting Criteria

02-RF-00920

Location	Sample Date	Sample #	Analyte	QC Type	Result Type	Result	Units	Tier II	Lab Qual	Valid-ation	Dilu-tion	Tier II Ratio	Back-ground M2SD	Back-ground Ratio	Historic M2SD	Historic Ratio	IMP Well Class	Reportable Result?
22796	10/9/01	GW07787RG	URANIUM-233,-234	REAL	TR1	2.95	PC/L	1.06		V1	0.272	2.78	60.7	0.05			Plume Extent	No
22796	10/9/01	GW07787RG	URANIUM-238	REAL	TR1	2.22	PC/L	0.768		V1	0.254	2.89	41.8	0.05			Plume Extent	No
23296	10/23/01	GW07809RG	CARBON TETRACHLORIDE	REAL	TR1	10	UG/L	5		V1	0.19	2.00			ND		Plume Extent	Yes
23296	10/23/01	GW07809RG	cis-1,2-DICHLOROETHENE	REAL	DL1	150	UG/L	70		V1	2.6	2.14			ND		Plume Extent	Yes
23296	10/23/01	GW07809RG	TETRACHLOROETHENE	REAL	TR1	12	UG/L	5		V1	0.36	2.40			ND		Plume Extent	Yes
23296	10/23/01	GW07809RG	THALLIUM	REAL	TR1	6.4	UG/L	2		UJ1	2.1	3.20	4.9	1.31	ND		Plume Extent	Yes
23296	10/23/01	GW07809RG	TRICHLOROETHENE	REAL	DL1	380	UG/L	5		V1	2.2	76.00			ND		Plume Extent	Yes
23296	10/23/01	GW07809RG	URANIUM-233,-234	REAL	TR1	17.7	PC/L	1.06		V1	0.166	16.70	60.7	0.29			Plume Extent	No
23296	10/23/01	GW07809RG	URANIUM-238	REAL	TR1	13.2	PC/L	0.768		V1	0.166	17.19	41.8	0.32			Plume Extent	No
3586	10/22/01	GW07803RG	MANGANESE	REAL	TR1	5190	UG/L	1720		V1	0.23	3.02	162.33	31.97	4358.00	1.19	Plume Extent	Yes
3586	10/22/01	GW07803RG	THALLIUM	REAL	TR1	2.4	UG/L	2	B	UJ1	2.1	1.20	4.9	0.49	3.49	0.69	Plume Extent	No
3586	10/22/01	GW07803RG	URANIUM-233,-234	REAL	TR1	1.89	PC/L	1.06		V1	0.237	1.78	60.7	0.03			Plume Extent	No
3586	10/22/01	GW07803RG	URANIUM-238	REAL	TR1	1.28	PC/L	0.768		V1	0.213	1.67	41.8	0.03			Plume Extent	No
3586	10/22/01	GW07803RG	VINYL CHLORIDE	REAL	TR1	5.4	UG/L	2		V1	0.21	2.70			776.32	0.01	Plume Extent	Yes
B208789	10/19/01	GW07789RG	THALLIUM	REAL	TR1	3.7	UG/L	2	B	UJ1	2.1	1.85	4.9	0.76	ID		Plume Extent	No
B208789	11/6/01	GW07789RG	URANIUM-233,-234	REAL	TR1	7.38	PC/L	1.06		V1	0.269	6.96	60.7	0.12			Plume Extent	No
B208789	11/6/01	GW07789RG	URANIUM-238	REAL	TR1	5.55	PC/L	0.768		V1	0.269	7.23	41.8	0.13			Plume Extent	No
P219489	11/6/01	GW07794RG	NITRATE/NITRITE	REAL	DL1	36.1	MG/L	10		V	0.21	3.61	4.664	7.74	ID		Plume Extent	Yes
P219489	12/5/01	GW07794RG	URANIUM-233,-234	REAL	TR1	4.49	PC/L	1.06		V1	0.433	4.24	60.7	0.07			Plume Extent	No
P219489	12/5/01	GW07794RG	URANIUM-238	REAL	TR1	2.09	PC/L	0.768		V1	0.209	2.72	41.8	0.05			Plume Extent	No
P416689	12/14/01	GW07795RG	URANIUM-233,-234	REAL	TR1	2.47	PC/L	1.06		V	0.0997	2.33	60.7	0.04			Plume Extent	No
P416689	12/14/01	GW07795RG	URANIUM-238	REAL	TR1	0.846	PC/L	0.768	J	V	0.0997	1.10	41.8	0.02			Plume Extent	No
70193	10/11/01	GW07818RG	THALLIUM	REAL	TR1	3	UG/L	2	B	UJ1	2.1	1.50	4.9	0.61	1.93	1.55	RCRA	No
70393	10/10/01	GW07819RG	1,1-DICHLOROETHENE	REAL	TR1	11	UG/L	7		V1	0.2	1.57			21.16	0.52	RCRA	No
70393	10/10/01	GW07819RG	TETRACHLOROETHENE	REAL	TR1	5.6	UG/L	5		V1	0.36	1.12			9.06	0.62	RCRA	No
70393	10/10/01	GW07819RG	TRICHLOROETHENE	REAL	TR1	17	UG/L	5		V1	0.22	3.40			36.33	0.47	RCRA	No
70493	10/17/01	GW07820RG	THALLIUM	REAL	TR1	3	UG/L	2	B	UJ1	2.1	1.50	4.9	0.61	2.81	1.07	RCRA	No
70493	10/17/01	GW07820RG	URANIUM-233,-234	REAL	TR1	1.64	PC/L	1.06		V	0.179	1.55	60.7	0.03			RCRA	No
B206989	10/9/01	GW07821RG	LITHIUM	REAL	TR1	1150.0	UG/L	730.0		V1	4.1	1.58	142.6	8.07	ID		RCRA	Yes
B206989	10/9/01	GW07821RG	NITRATE/NITRITE	REAL	DL1	31.4	MG/L	10.0		V1	0.1	3.14	4.7	6.73	75.35	0.42	RCRA	Yes
B206989	10/9/01	GW07821RG	SELENIUM	REAL	TR1	303.0	UG/L	50.0		J1	2.4	6.06	43.7	6.93	ID		RCRA	Yes
B206989	10/22/01	GW07821RG	SULFATE	REAL	DL1	2760	MG/L	500		V1	10	5.52	435.6	6.34	ID		RCRA	Yes
B206989	10/9/01	GW07821RG	THALLIUM	REAL	TR1	4.5	UG/L	2.0		UJ1	2.1	2.25	4.9	0.92	ID		RCRA	No
B206989	12/4/01	GW07821RG	URANIUM-233,-234	REAL	TR1	53.4	PC/L	1.06		V1	0.369	50.38	60.7	0.88			RCRA	No
B206989	12/4/01	GW07821RG	URANIUM-235	REAL	TR1	1.64	PC/L	1.01		V1	0.371	1.62	1.79	0.92			RCRA	No
B206989	12/4/01	GW07821RG	URANIUM-238	REAL	TR1	32.1	PC/L	0.788		V1	0.313	41.80	41.8	0.77			RCRA	No

Table 3-2: Fourth Quarter, 2001 RFCA Groundwater Sample Comparisons With Tier II Action Levels and IMP Reporting Criteria

02-RF-00920

Location	Sample Date	Sample #	Analyte	QC Type	Result Type	Result Units	Tier II	Lab Qual	Valid-ation	Detect Limit	Dilu-tion	Tier II Ratio	Back-ground M2SD	Back-ground Ratio	Historic M2SD	Historic Ratio	IMP Well Class	Reportable Result?
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## Abbreviations

ID = Insufficient number of 1991-95 samples (5) to calculate Historic M2SD.

MG/L = Milligrams per liter

ND = No 1991-1995 data, no Historic M2SD.

PC/L = Picocuries per liter

TR1 = First analytical run

TR2 = Second analytical run, implies dilution (also DL1, DIL)

TR3 = Third analytical run, etc.

UG/L = Micrograms per liter (or µg/L)

## Lab Qualifiers (note analyte group)

B = Detected concentration less than contract required detection limit (CRDL) but above instrument detection limit (IDL) (metals & other inorganics)

B = Analyte present in both sample and method blank (MB) (organics)

B = Activity in the method blank exceeds minimum detectable activity (MDA) (radionuclides)

D = Sample run at a dilution (organics)

E = analyte exceeds calibration range of instrument (organics)

E = reported result is estimated due to interference (inorganics)

J = Positively identified below sample quantification limit (SQL), result estimated (organics)

J = Estimated quantification (inorganics & radionuclides)

U = Target analyte not detected (all analytes)

## Validation/Verification Qualifiers\*

(list in order from highest confidence to lowest)

V/V1 = Valid

J/J1 = Estimated

NJ/NJ1 = Presumptively Estimated

UJ/UJ1 = Estimated at an elevated level of detection

R/R1 = Rejected

1 = Unvalidated/Unverified member of TR1-TR2 pair.

Other pair member should be Validated/Verified.

\*Validation is a more thorough review of laboratory package than verification.

#### 4.0 REQUIRED ACTIONS

Analytical results that were returned for the Fourth Quarter 2001 do not require new or additional sample collection. All wells from the Fourth Quarter have been returned to their quarterly or semi-annual sampling schedules.

##### Required Monthly Monitoring – Completed

From the Third Quarter RFCA Groundwater Monitoring Report For Calendar Year 2001 (SSOC, 2002):

The Third Quarter nitrate/nitrite sample collected at Plume Extent well 02197 contained nitrate/nitrite above the Tier II Action Level (Figure 2-90). The nitrate/nitrite result was above the Background M2SD and therefore reportable. Monthly samples for nitrate/nitrite in well 02197 were collected in February and March 2002. April was dry. Results for February and March are again below the Tier II Action Level (Figure 2-90). Well 02197 will be removed from the IMP sampling program.

In the Third Quarter Plume Extent well 23096 had an activity level for plutonium-239/240 that was above the Tier II Action Level. The plutonium-239/240 result was reportable because it was the first time the value exceeded the Tier II Level (Figure 2-91). A plutonium-Background M2SD is not used for comparison; any detection over the Tier II Action Level is of interest. There are no Historic M2SDs for this well. The Third Quarter plutonium-239/240 result was a significant increase over previous sampling events. Monthly plutonium-239/240 samples were collected in January, February and March 2002. These data are available and indicate that plutonium-239/240 has returned to its normal level below the Tier II Action Level (Figure 2-91). Well 23096 will be returned to routine sampling.

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**5.0 REFERENCES**

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6.0 FIGURES

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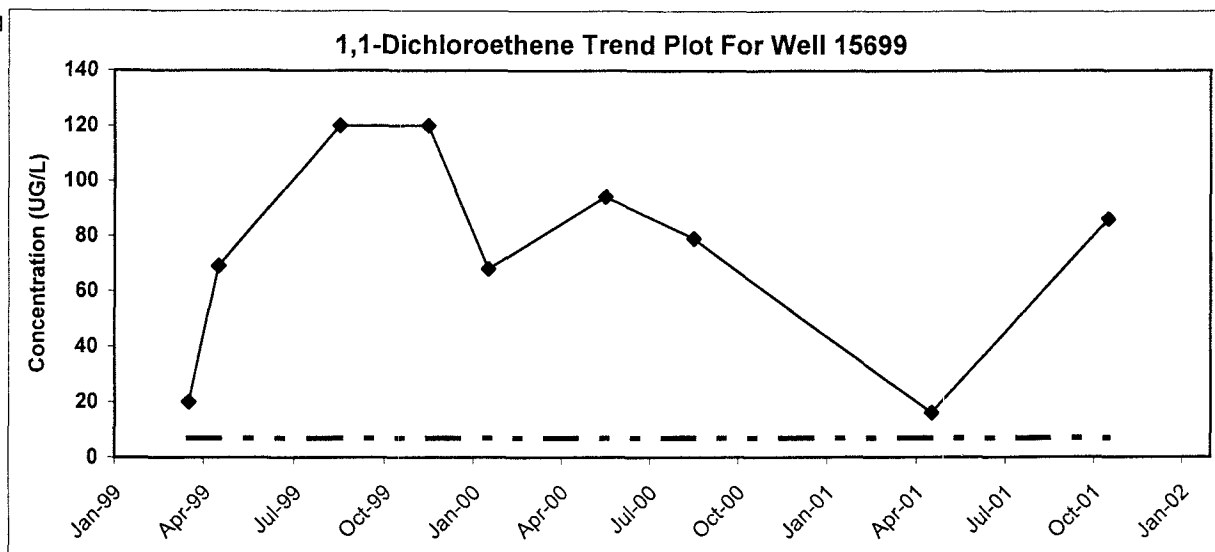


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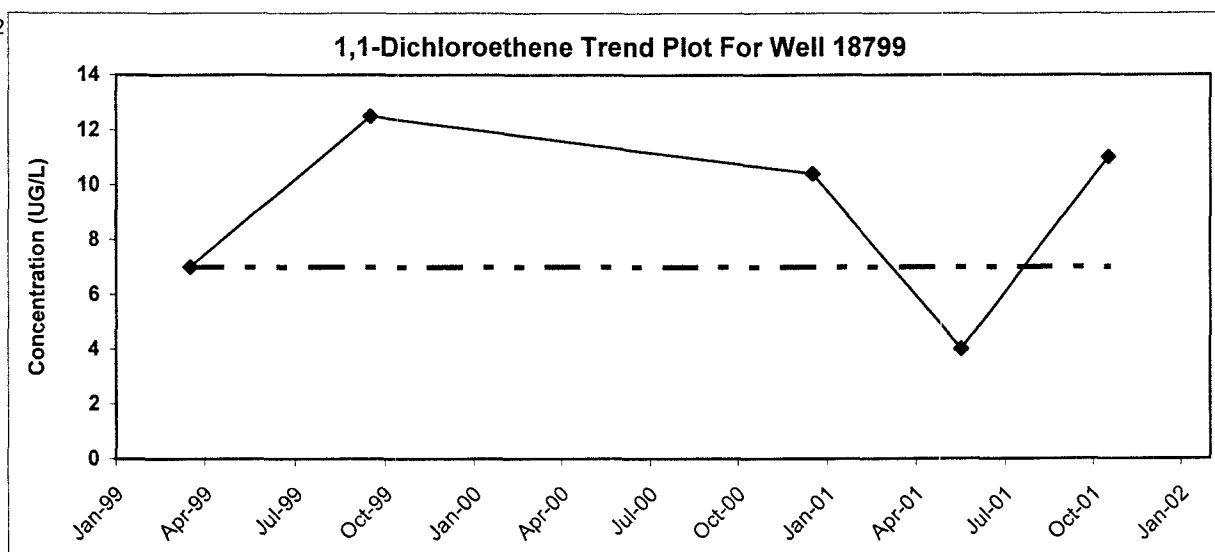


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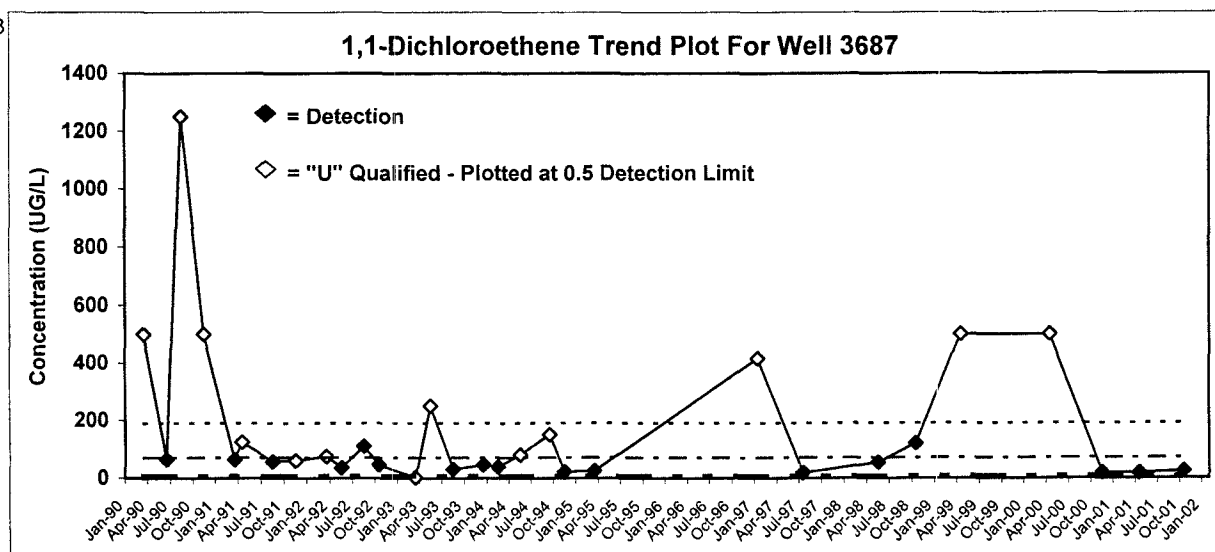


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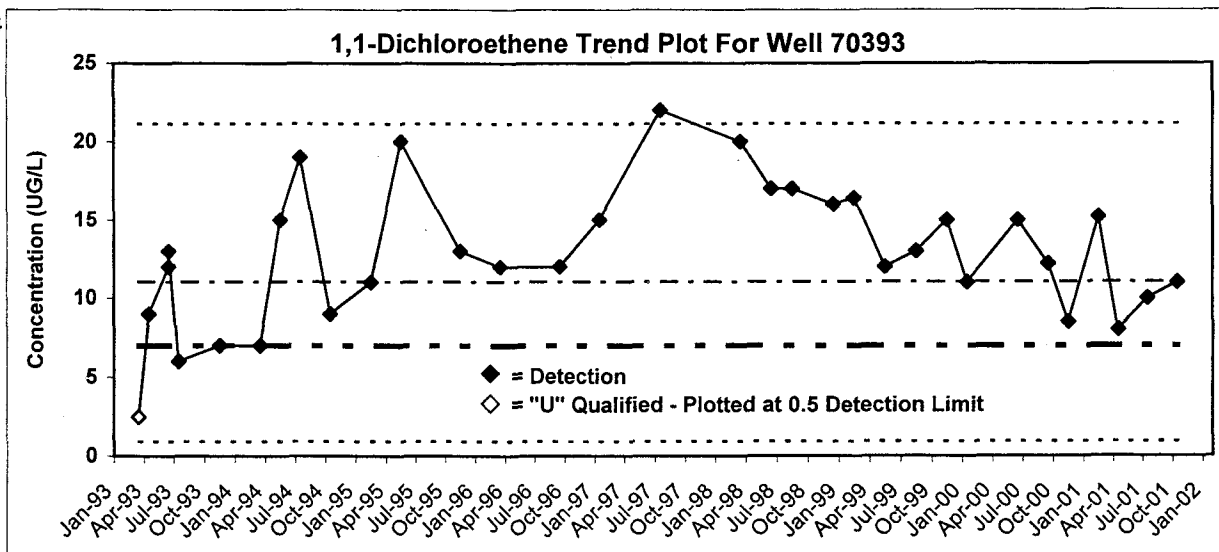


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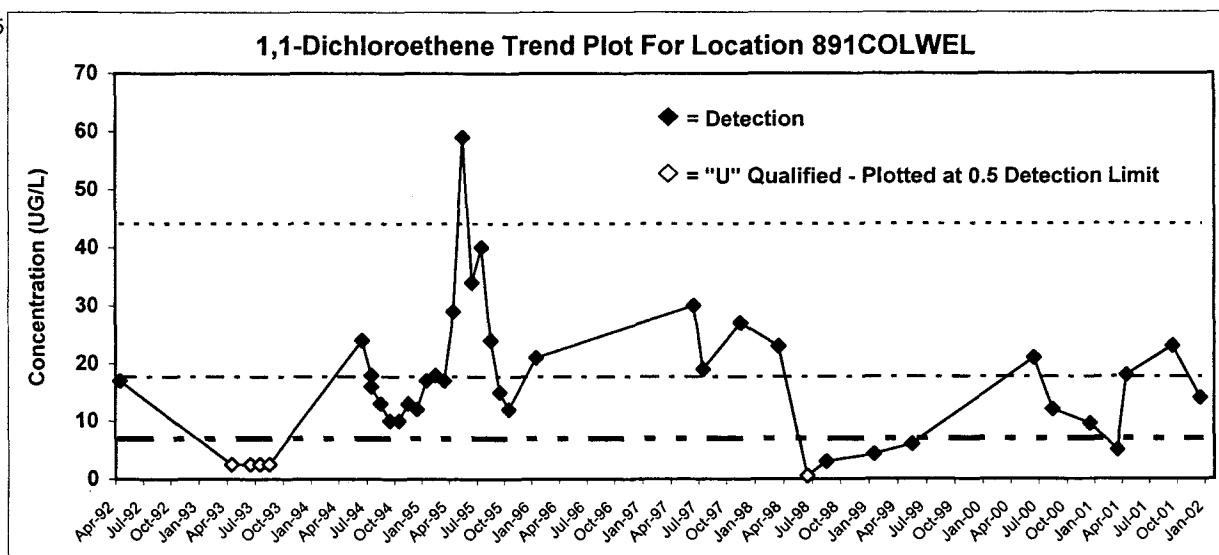


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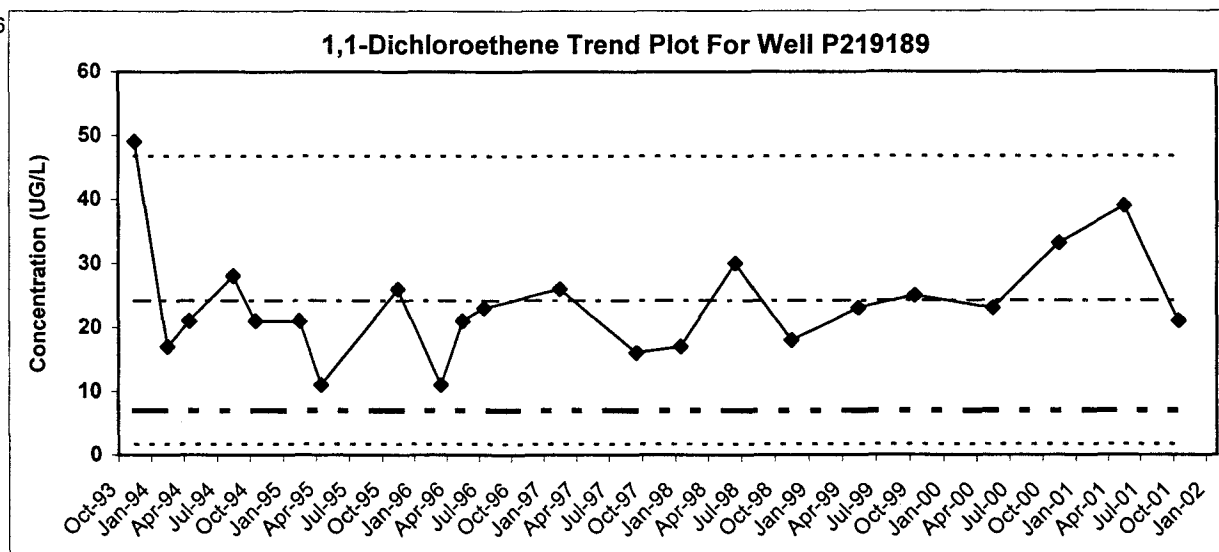


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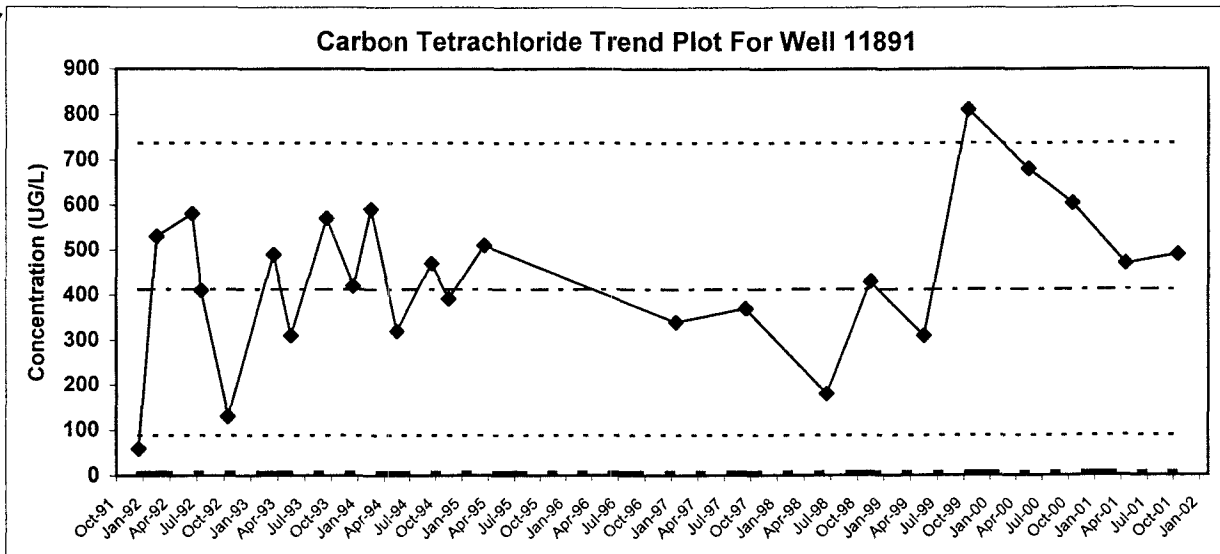


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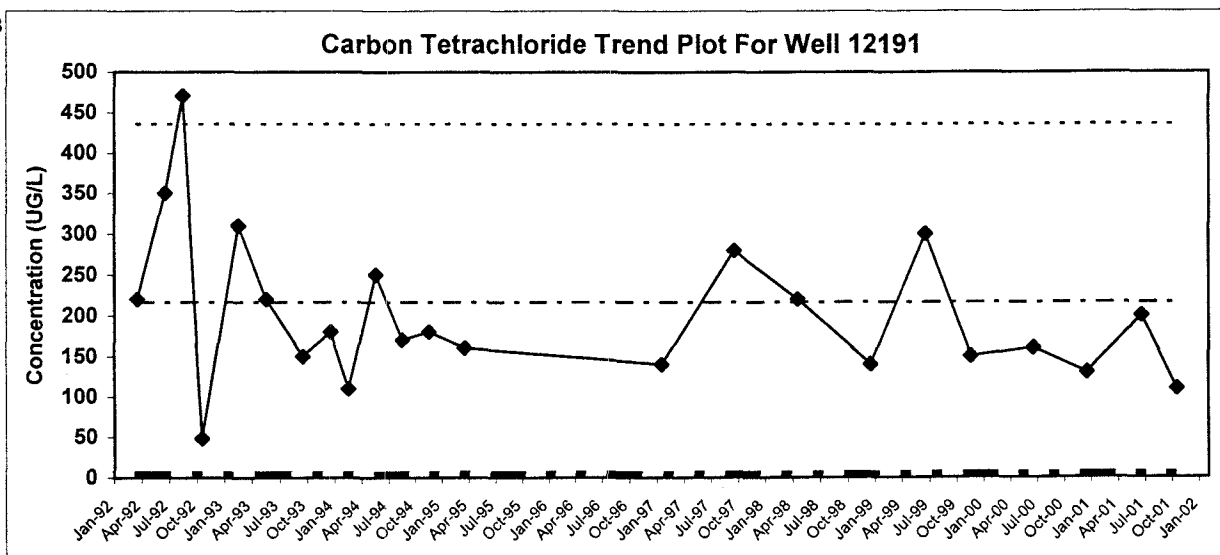


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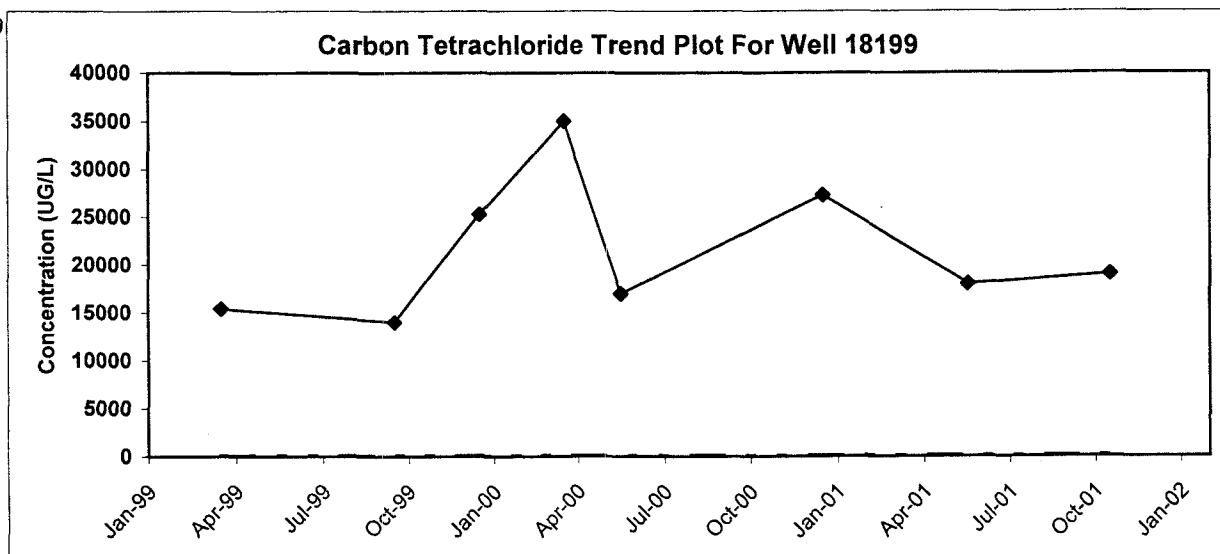


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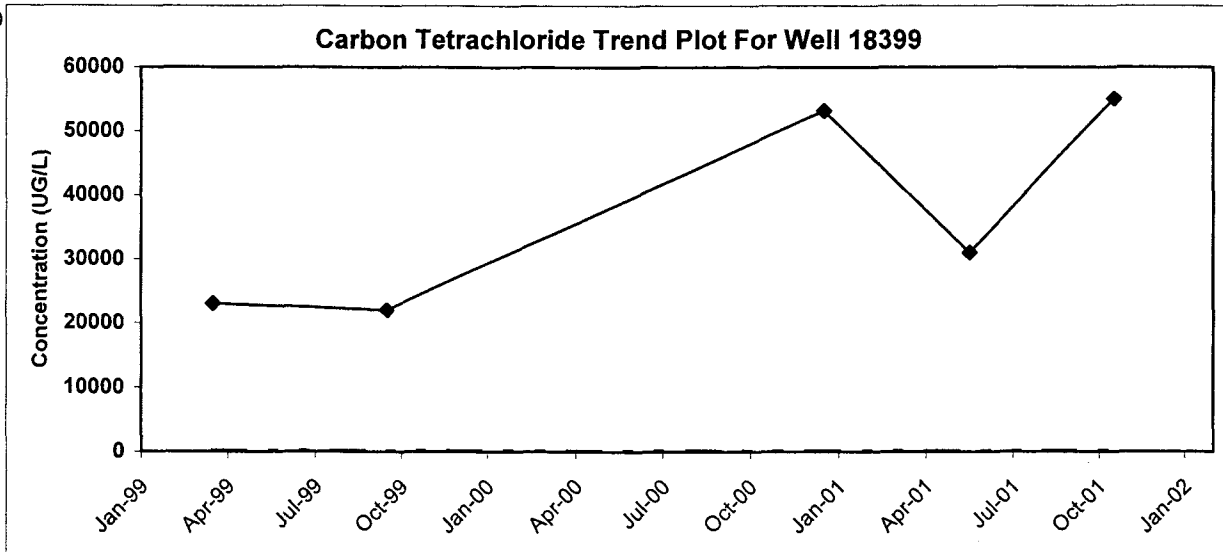


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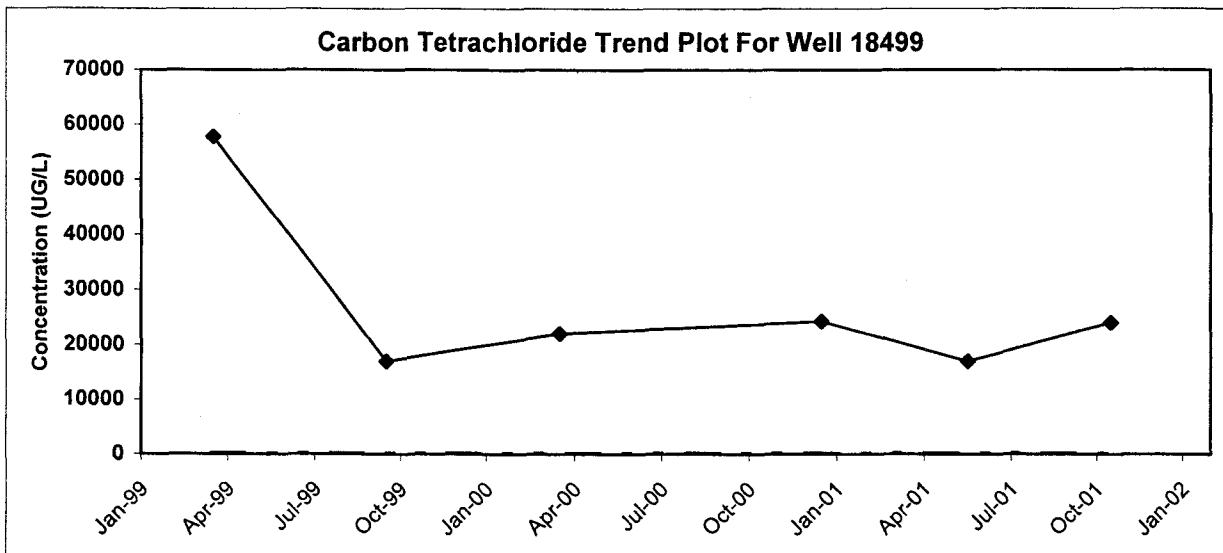
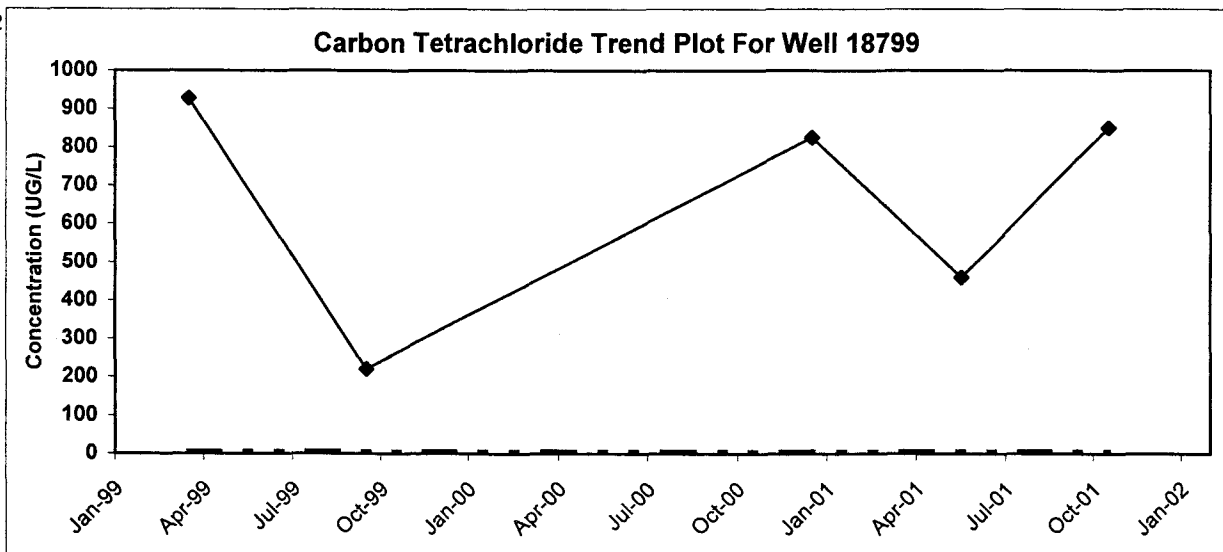


Fig 2-12



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Fig 2-13

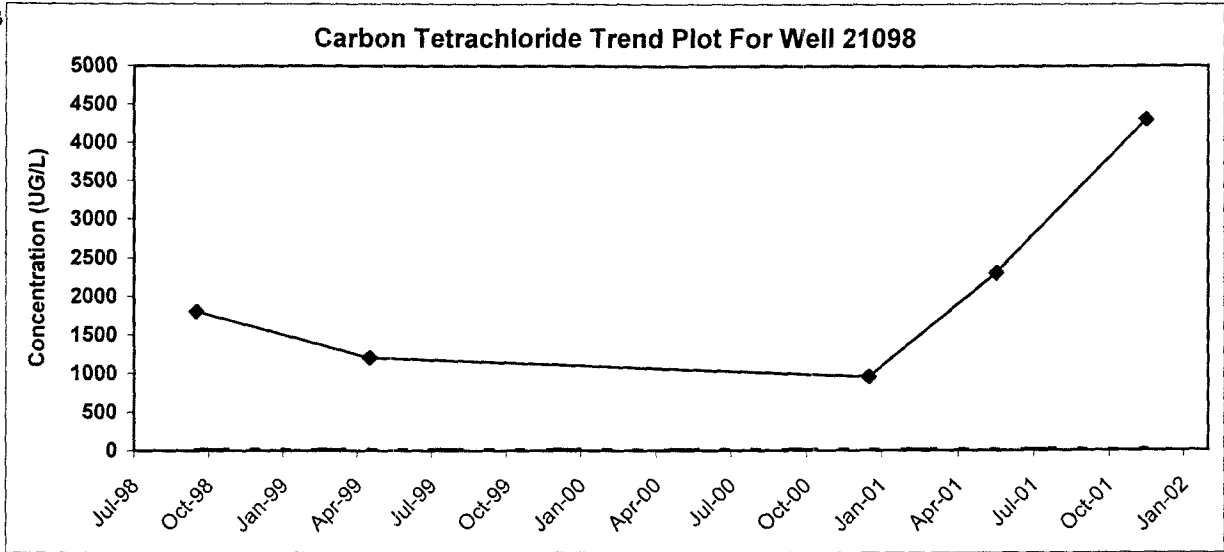


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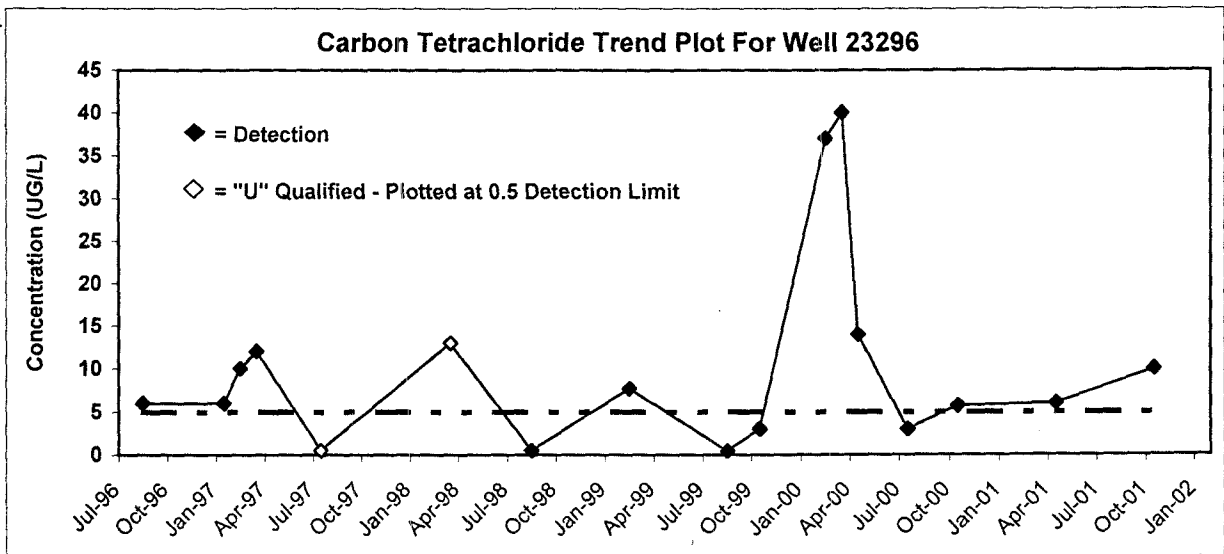
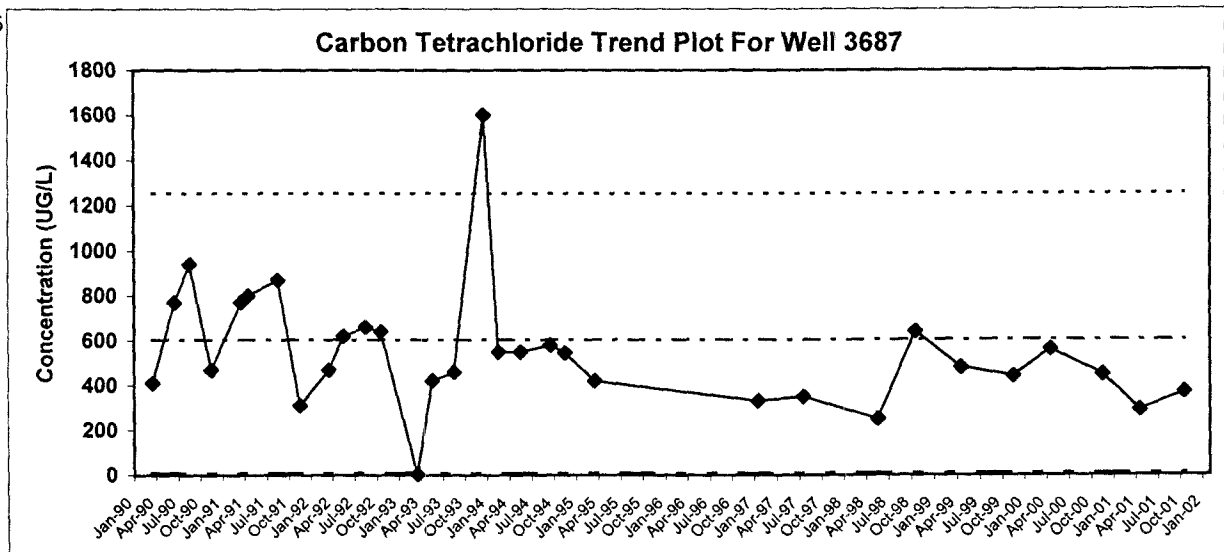


Fig 2-15



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Fig 2-16

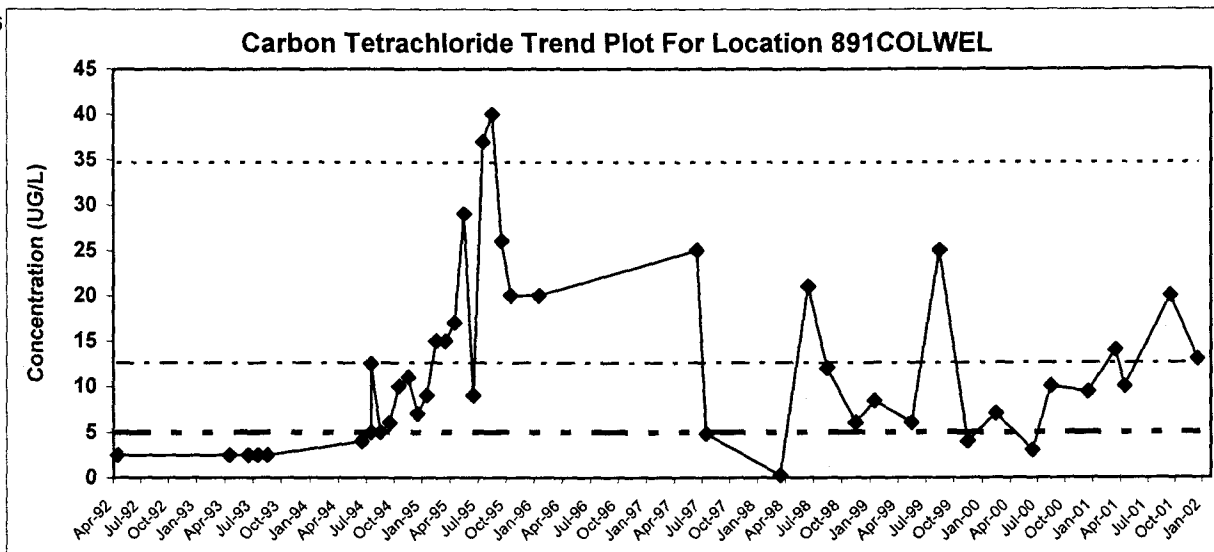


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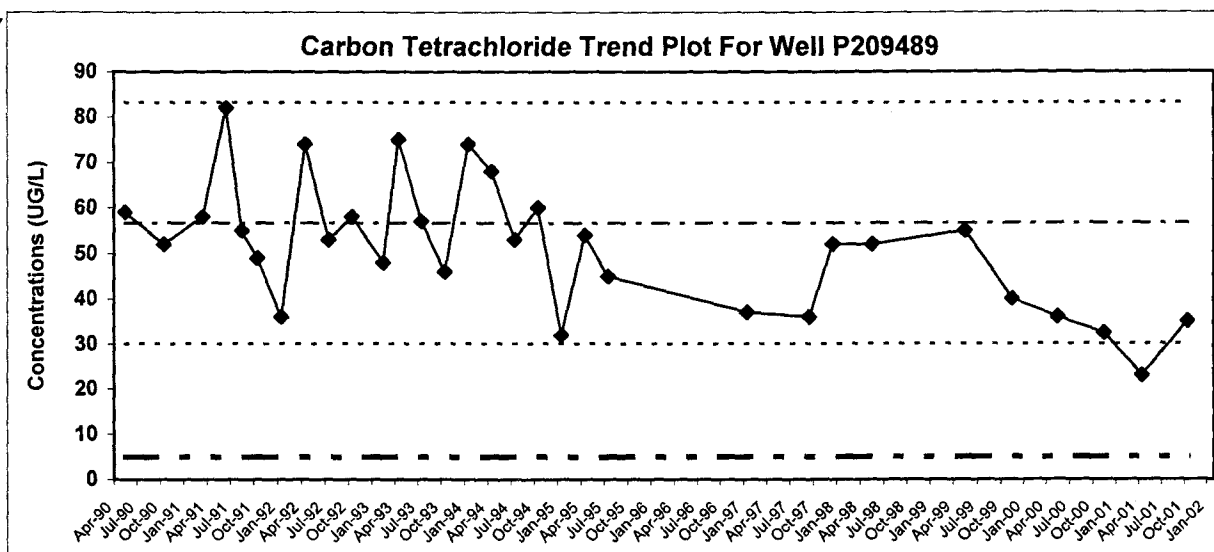


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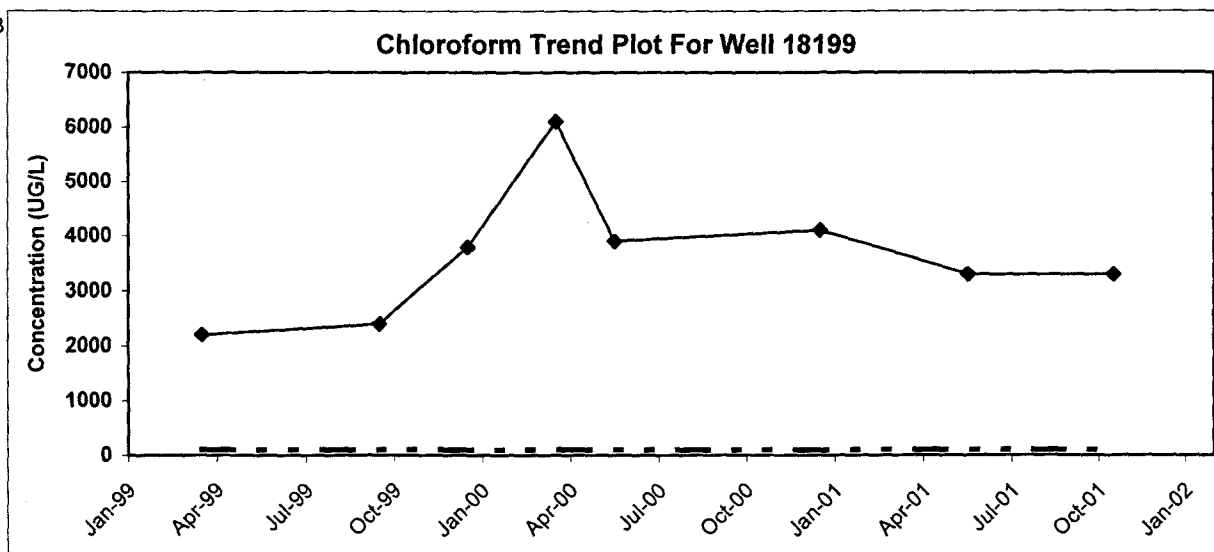




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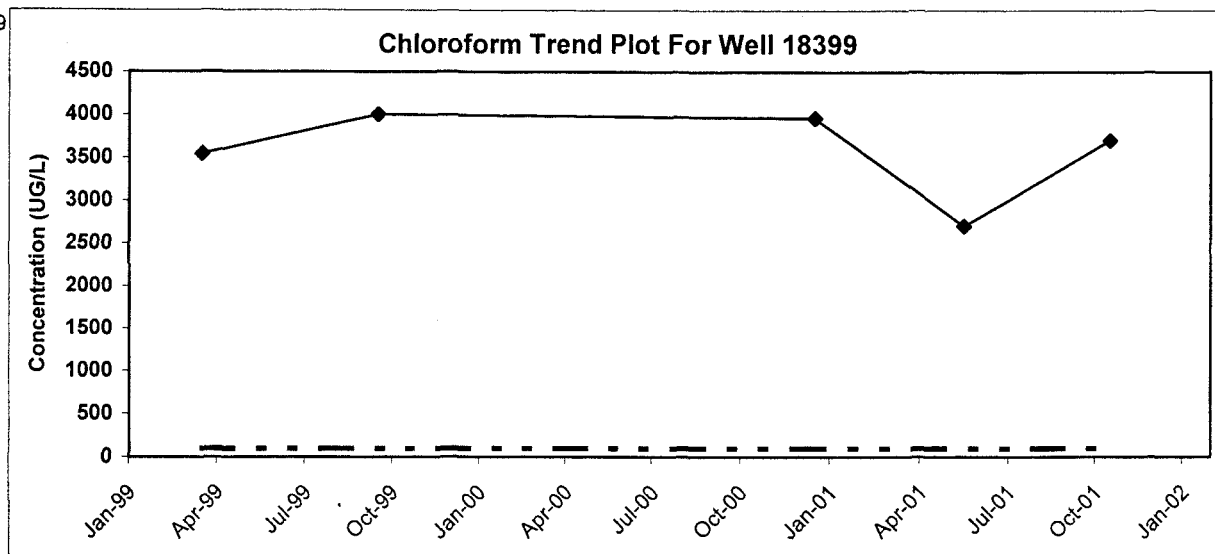


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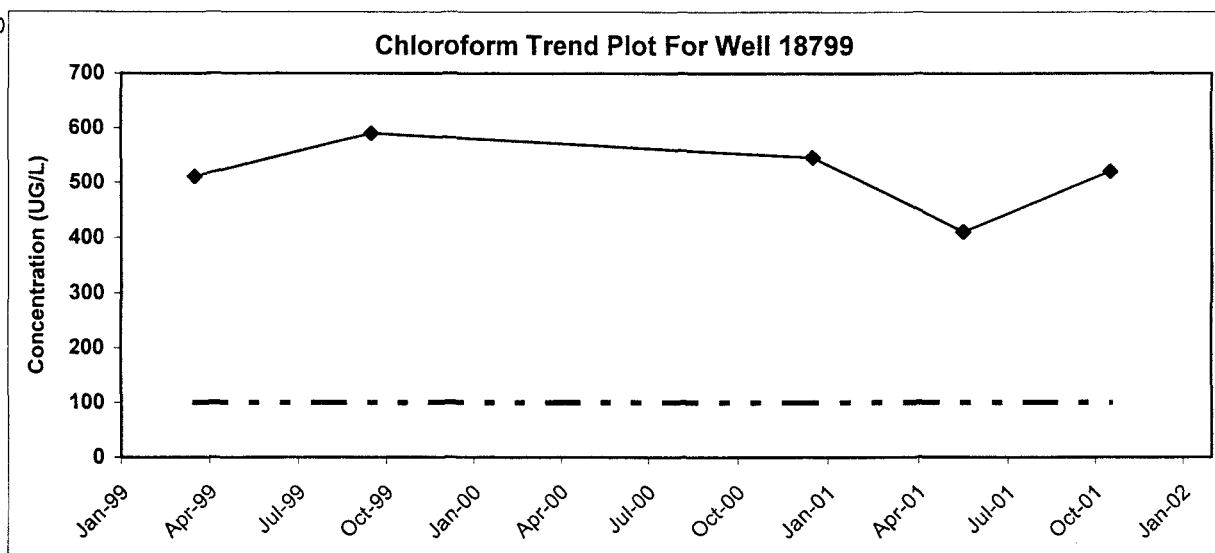


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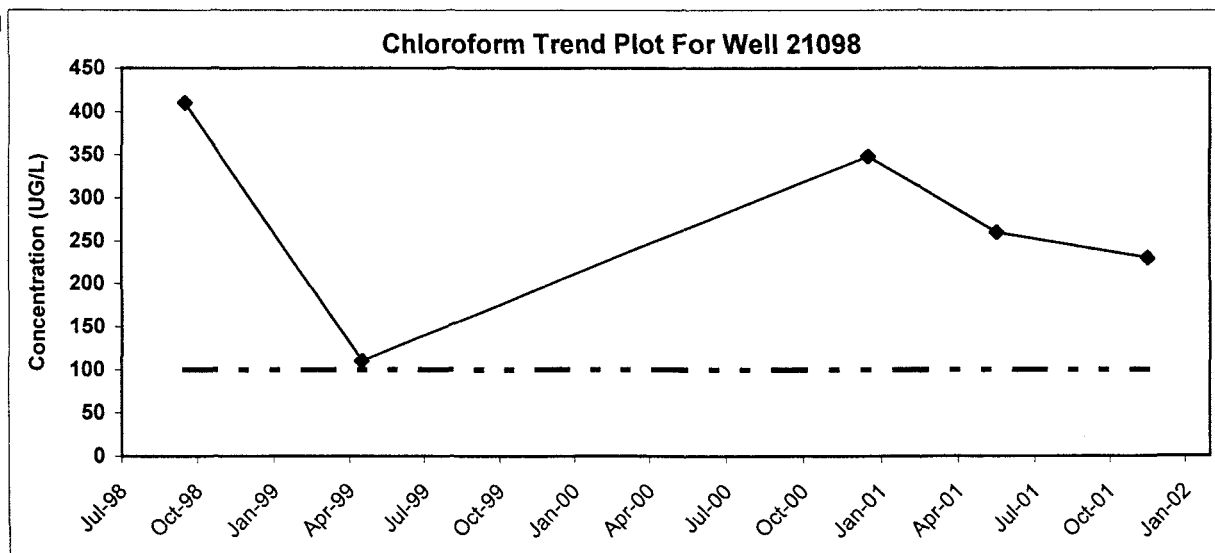


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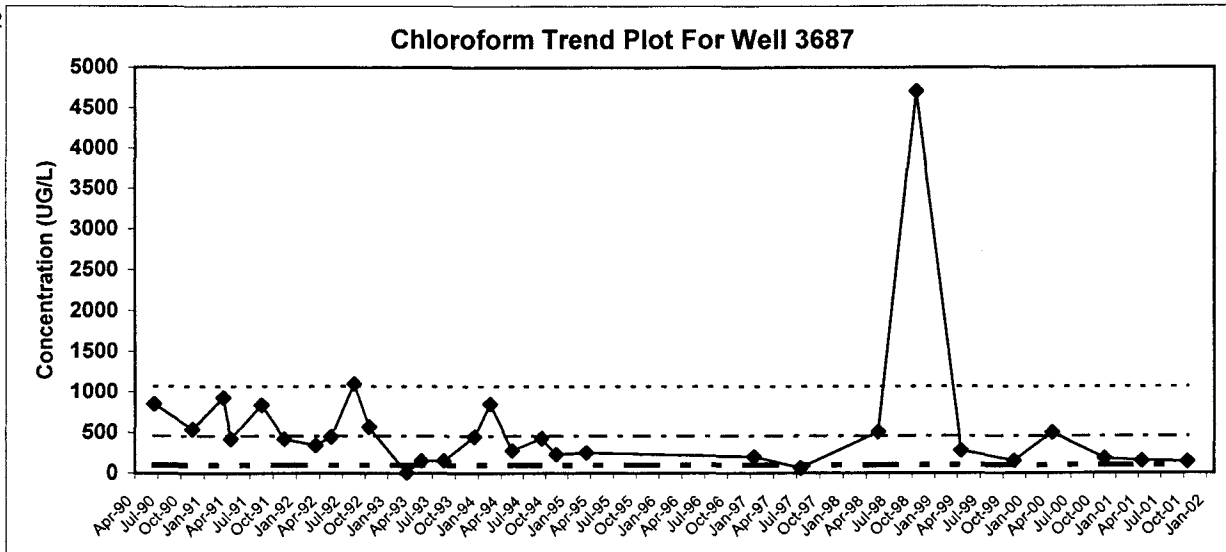


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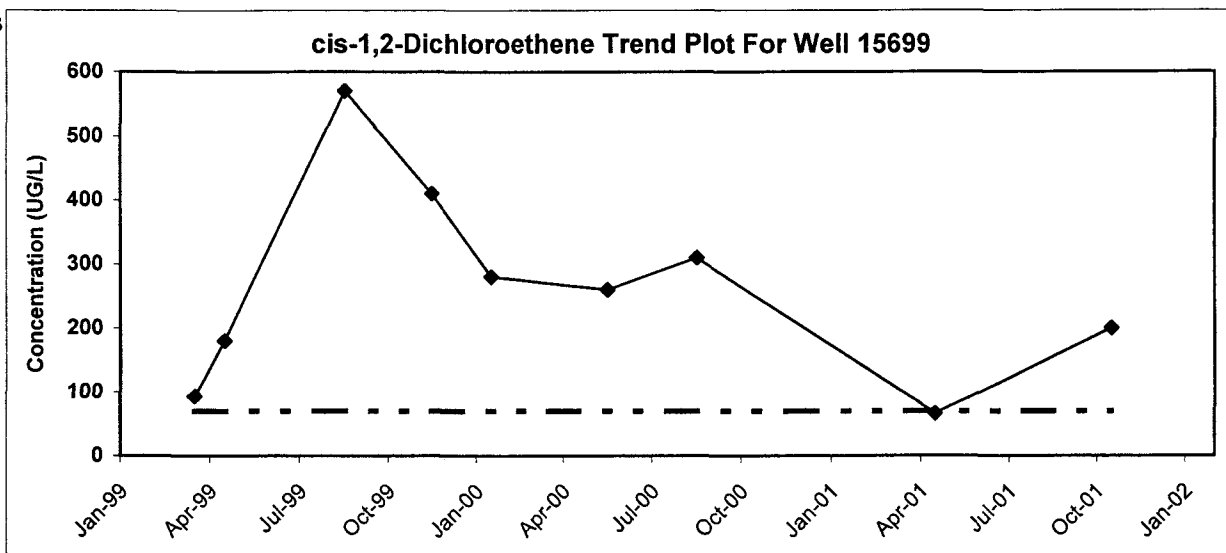


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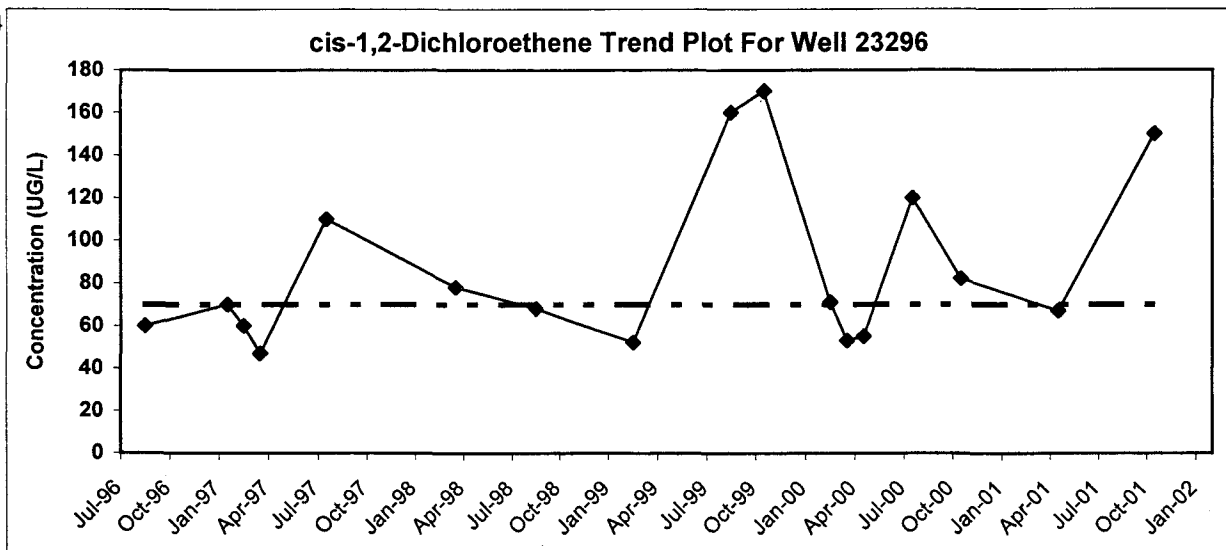


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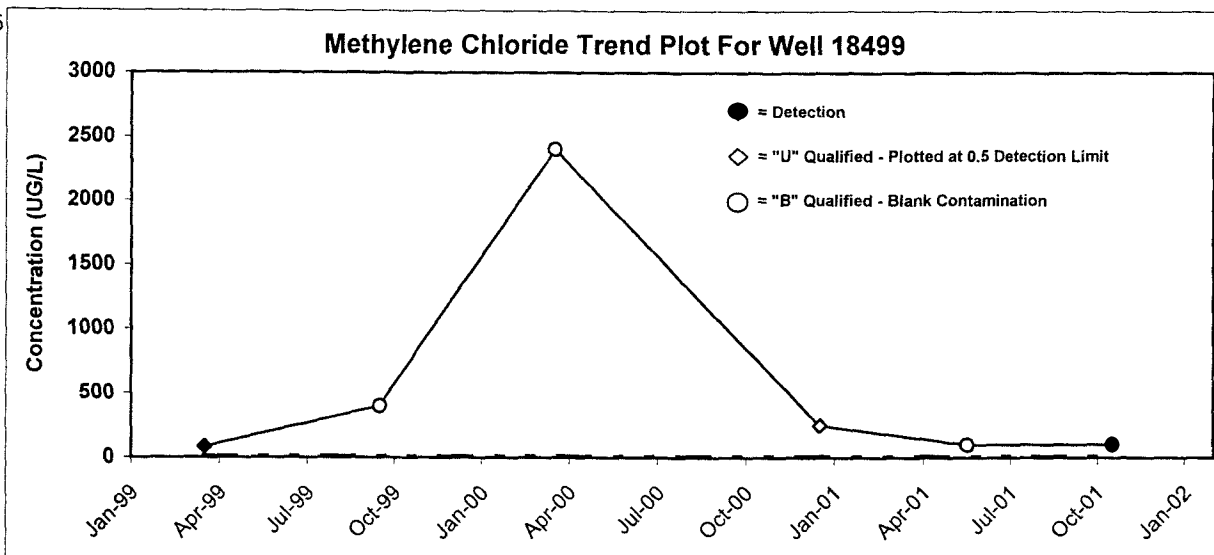


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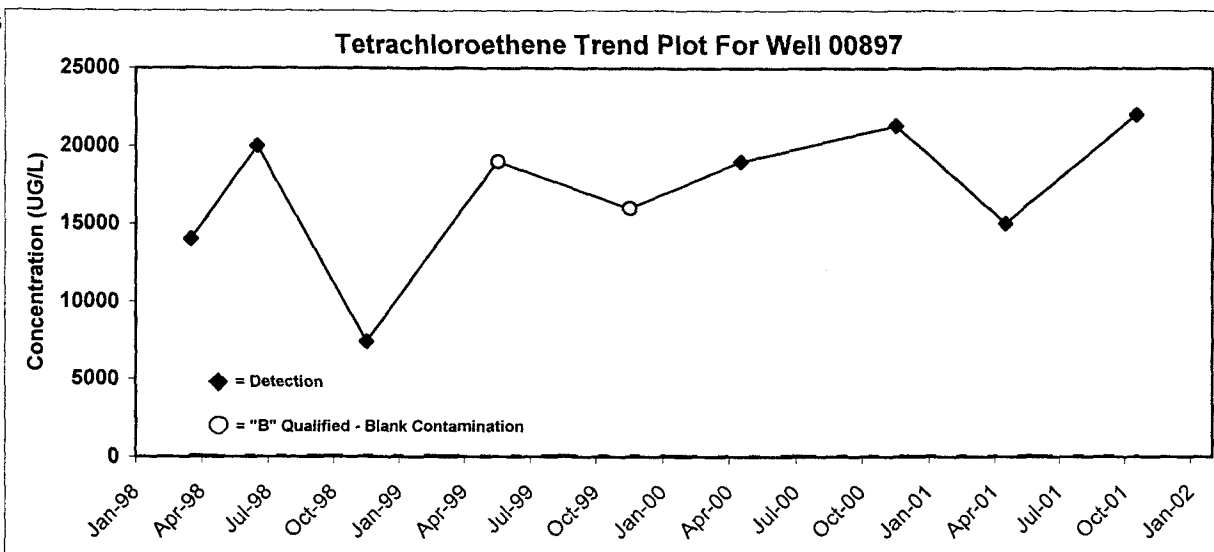


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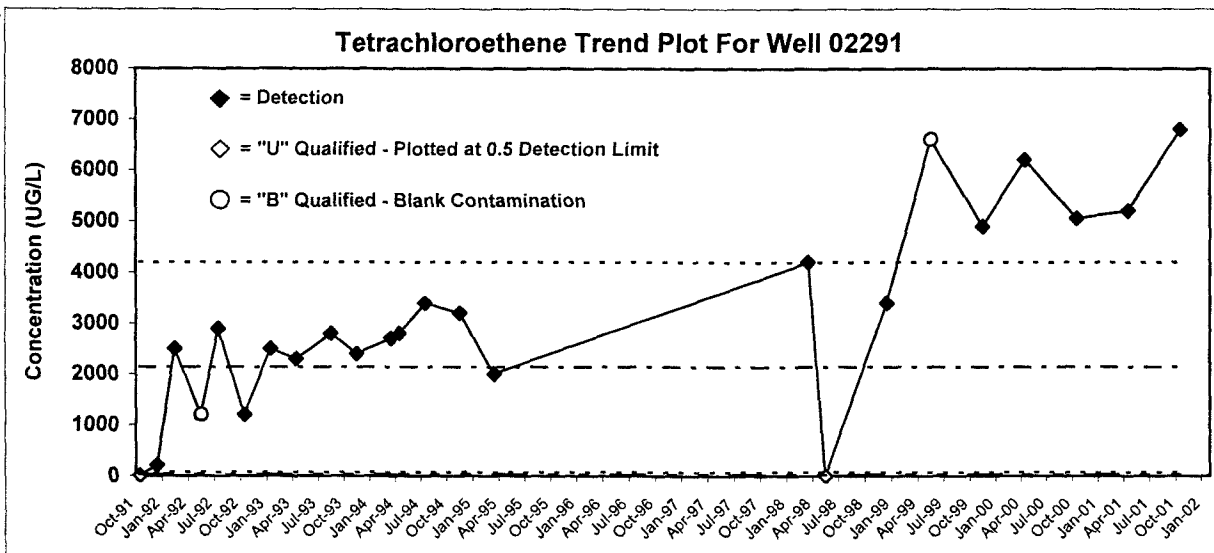


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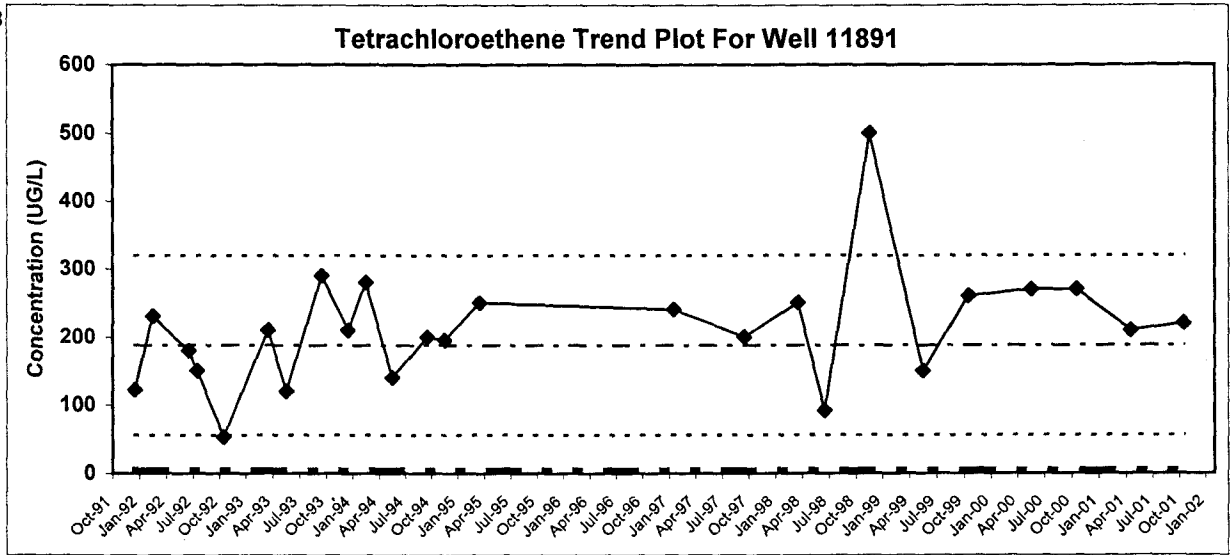


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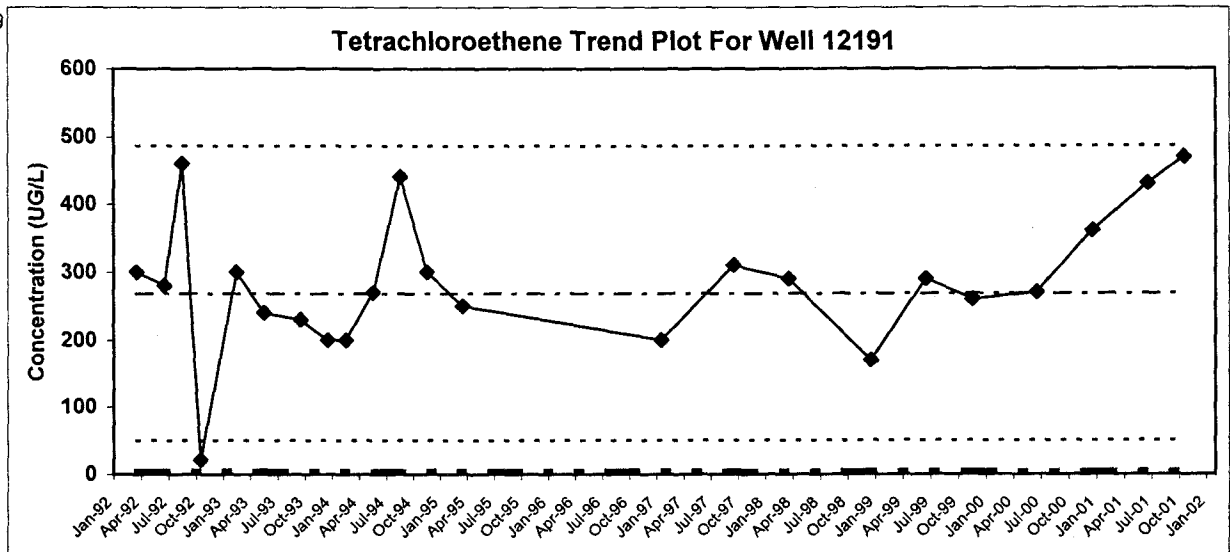


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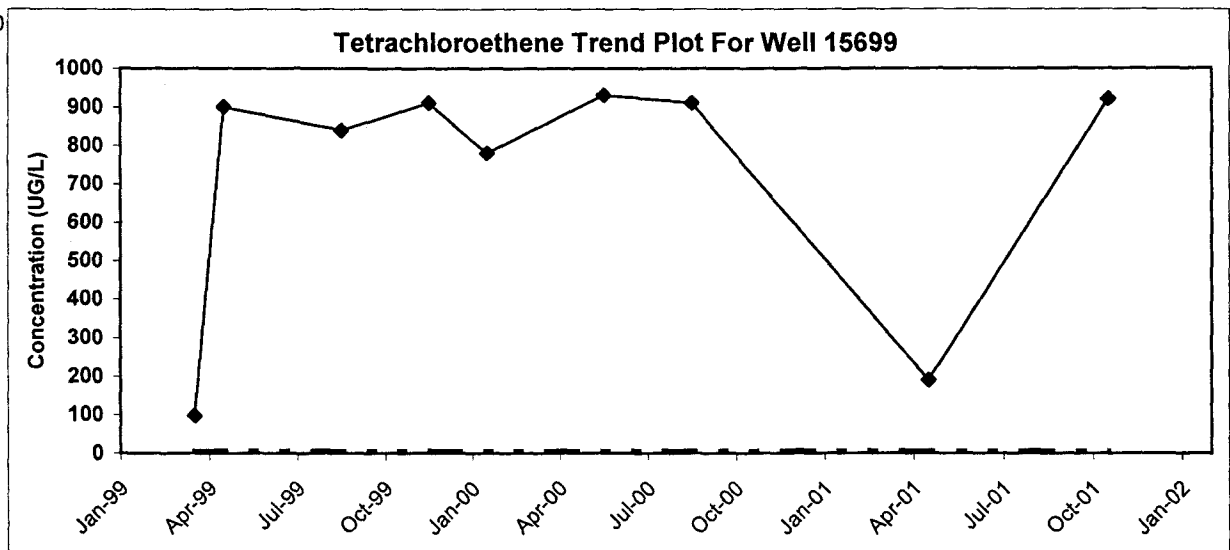


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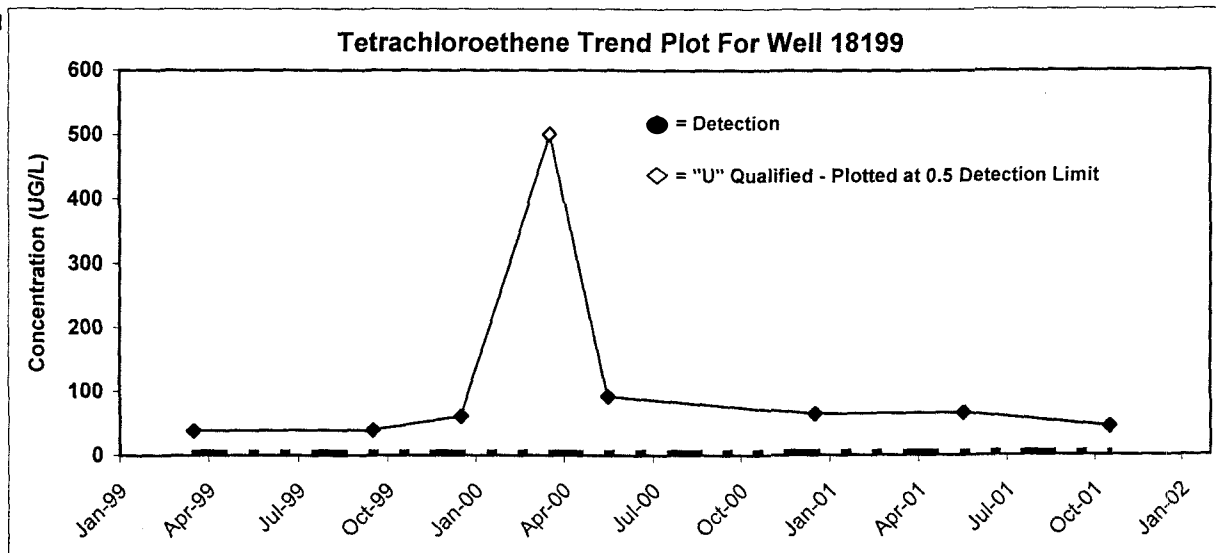


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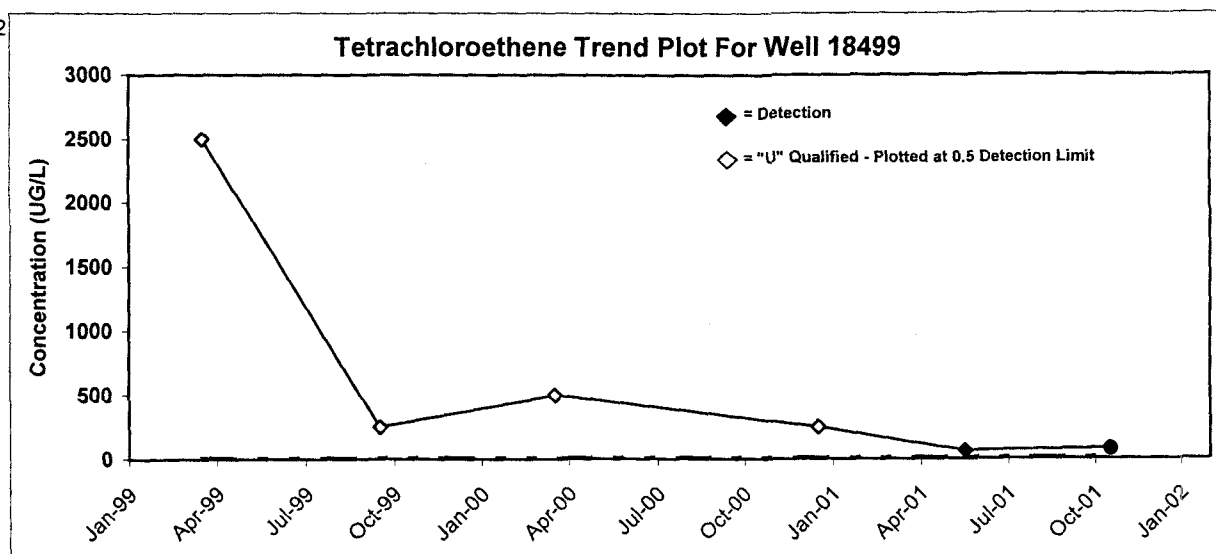


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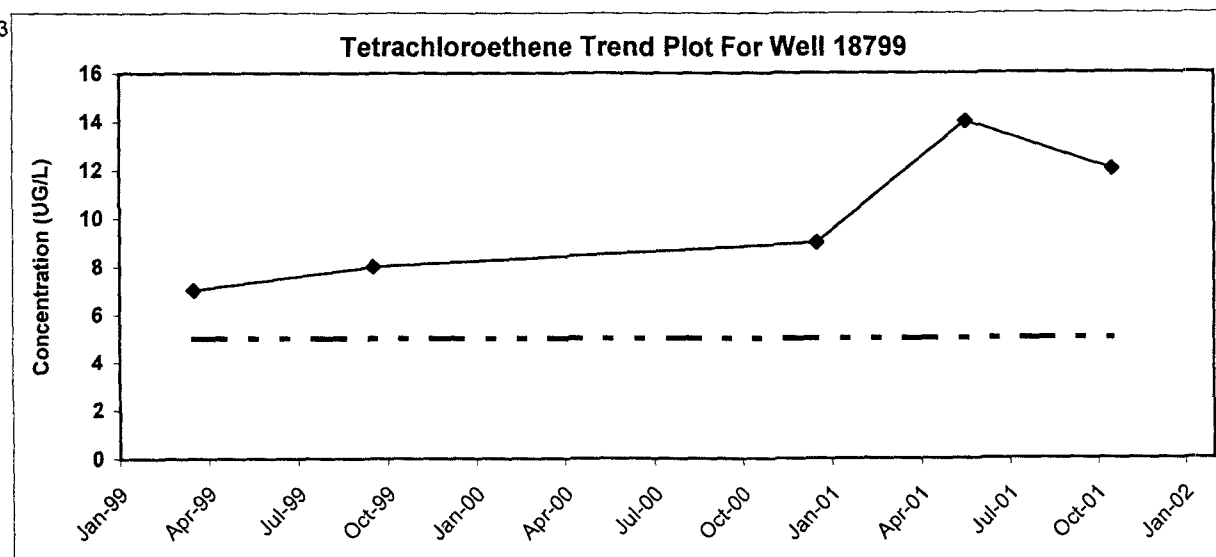


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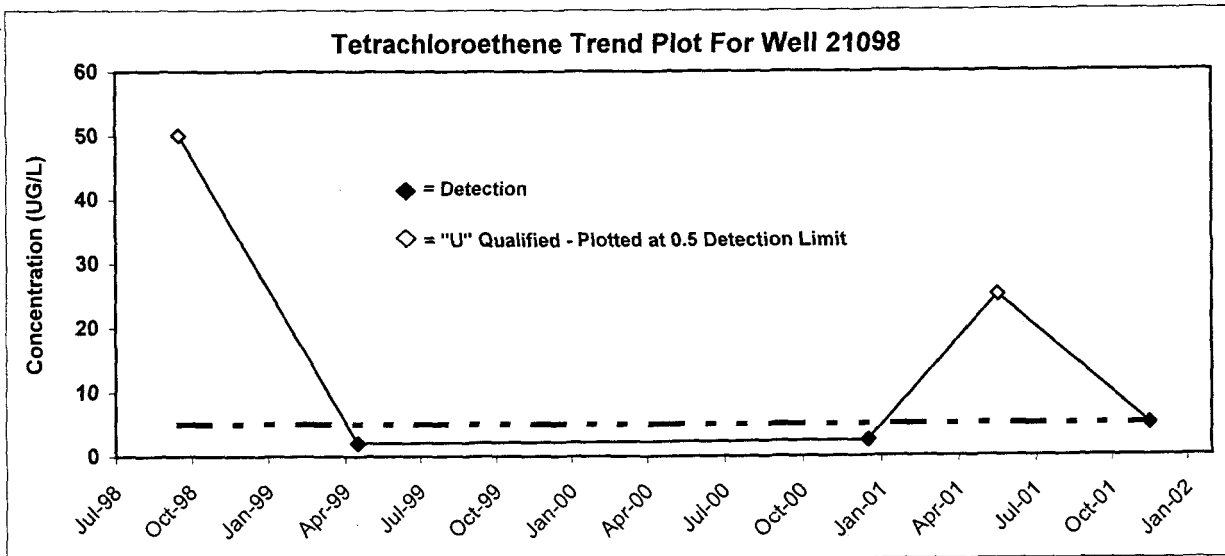


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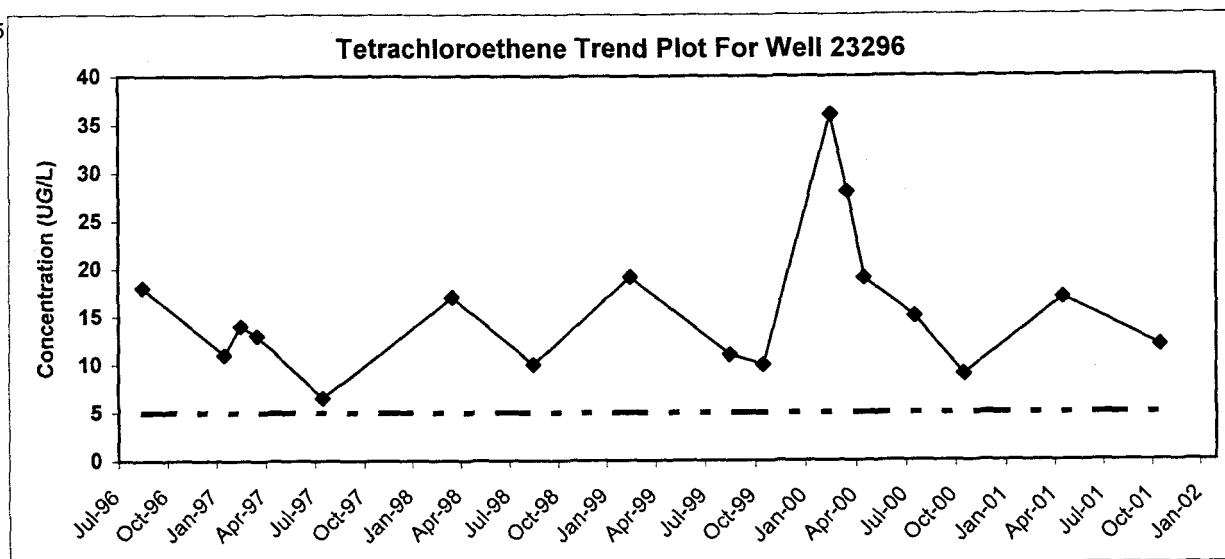


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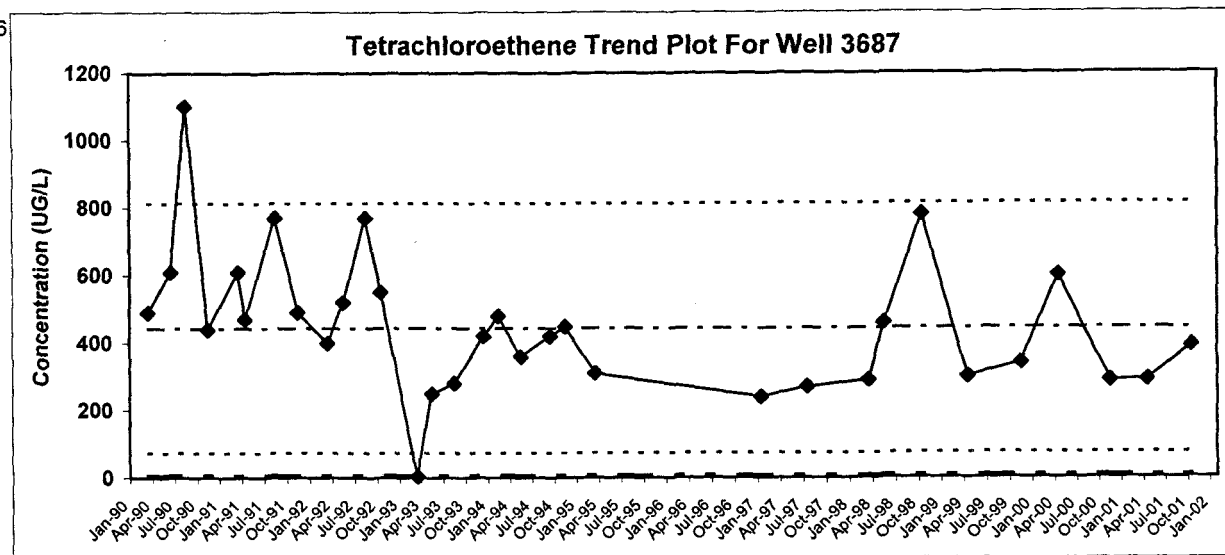


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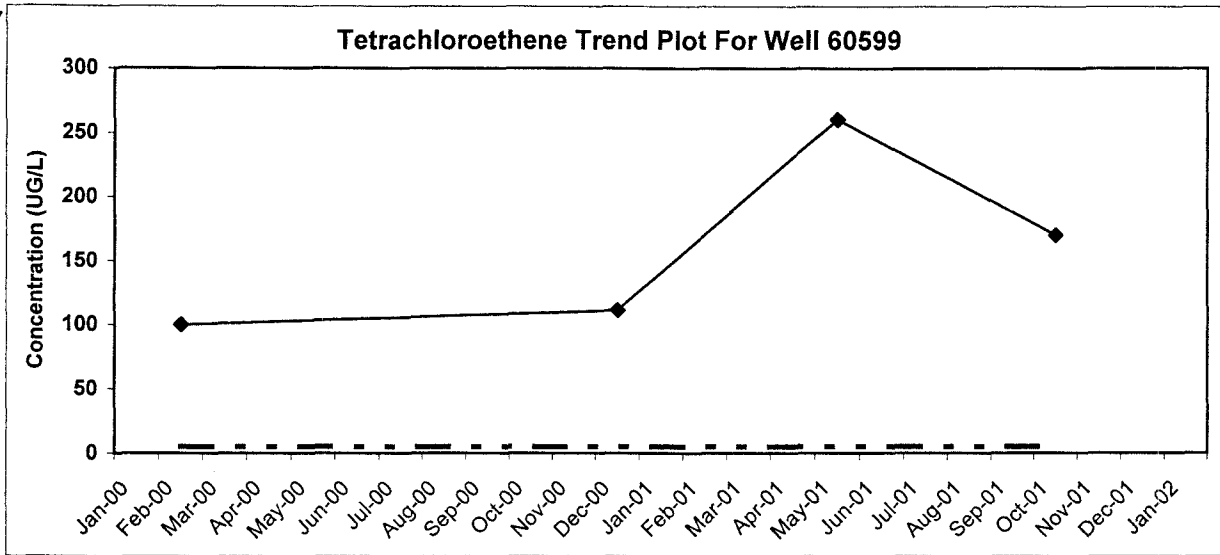


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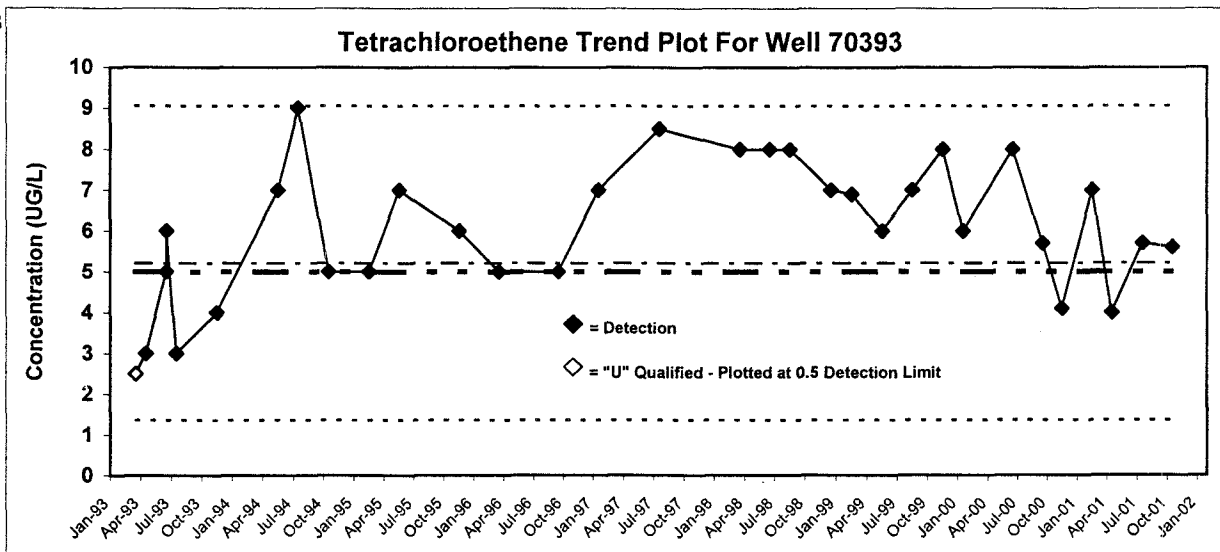


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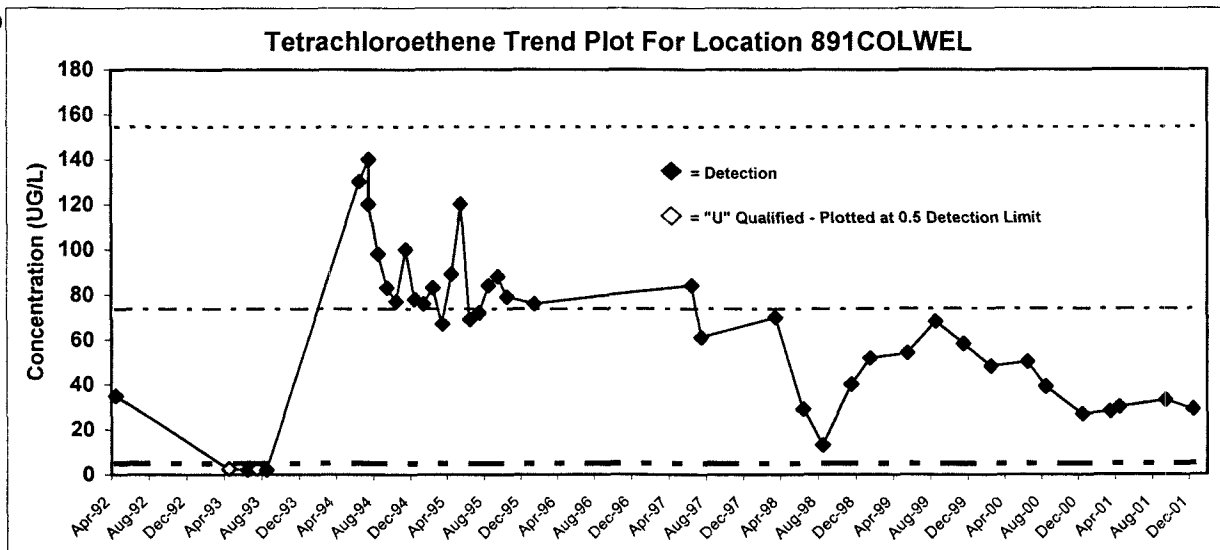


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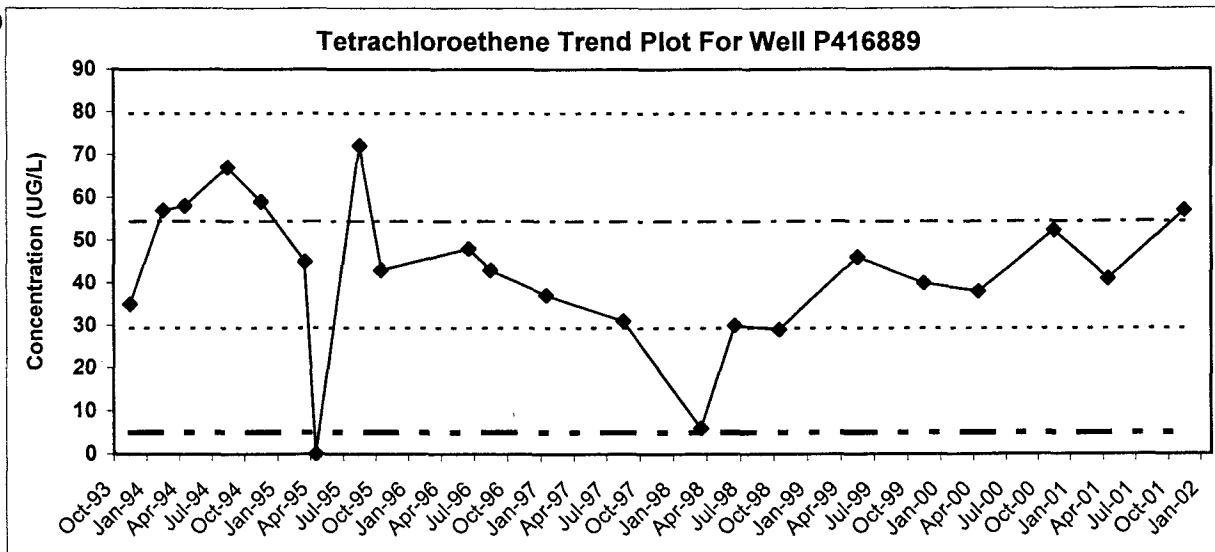


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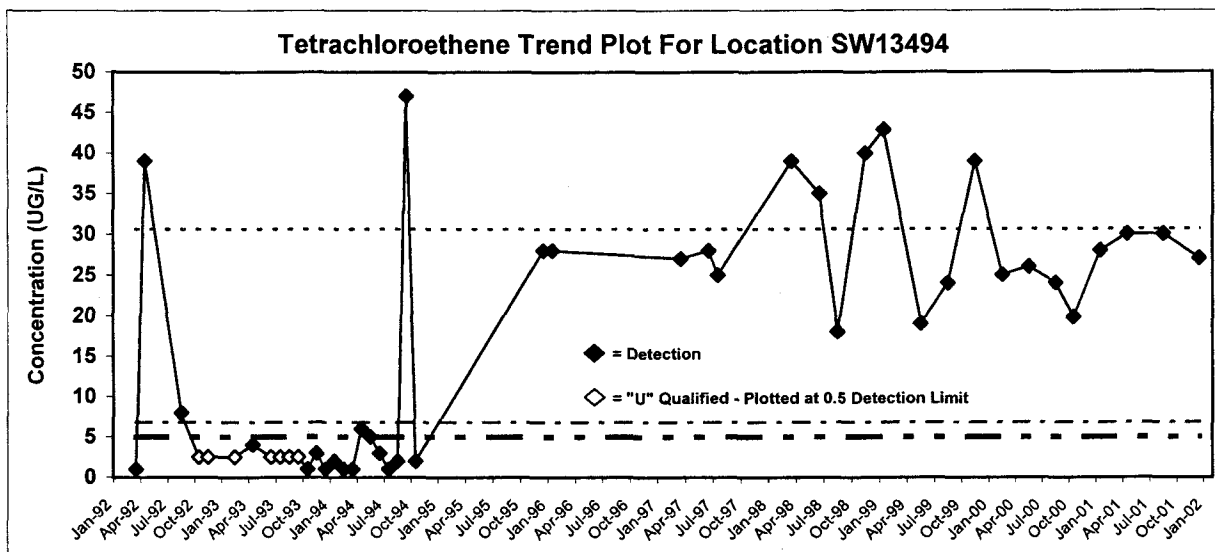


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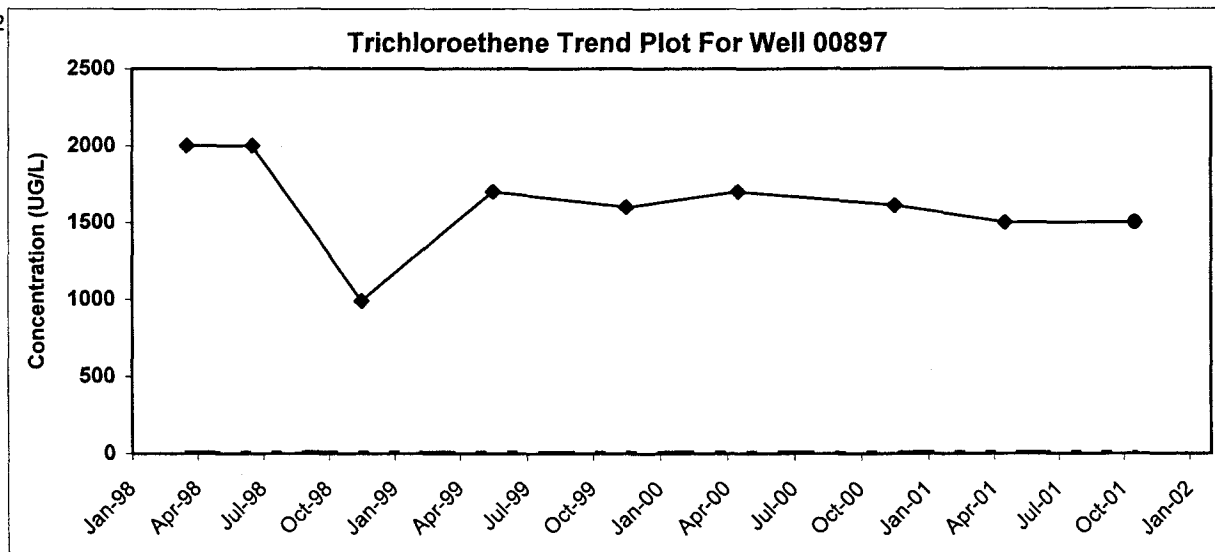




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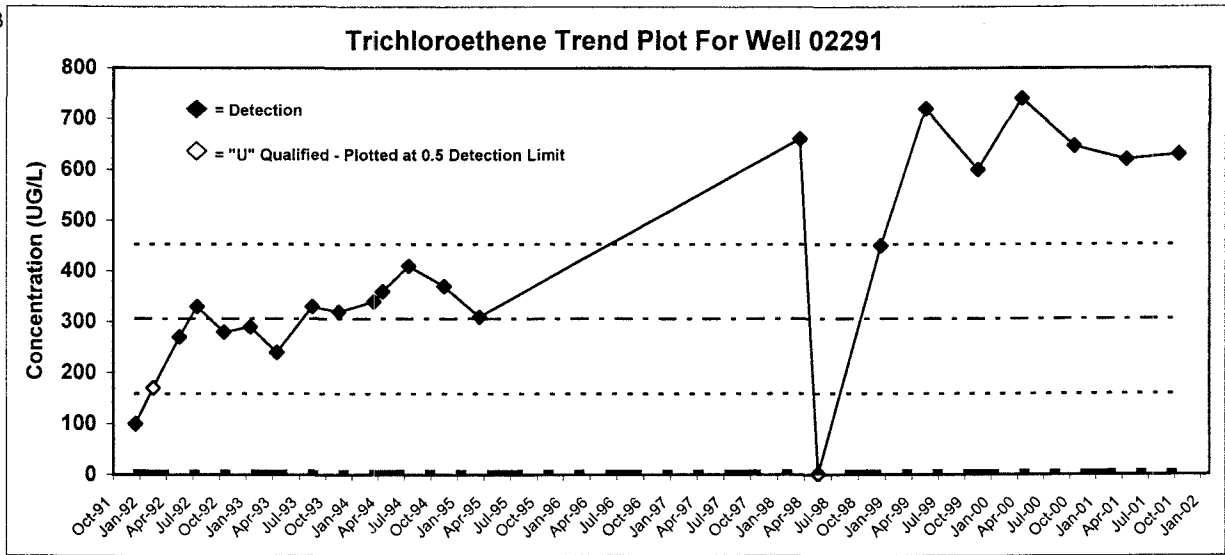


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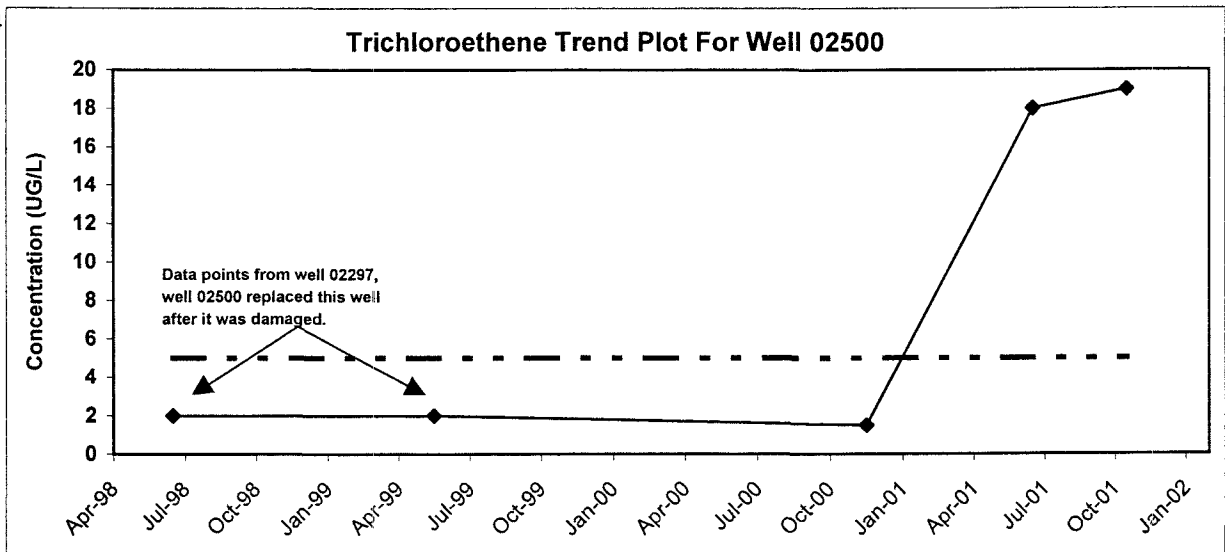


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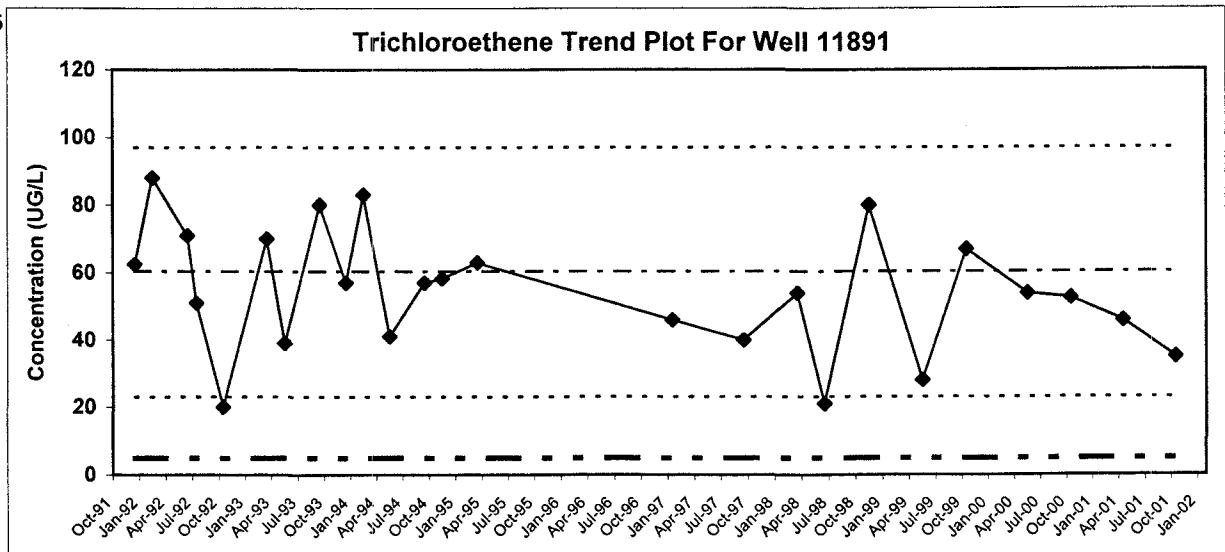


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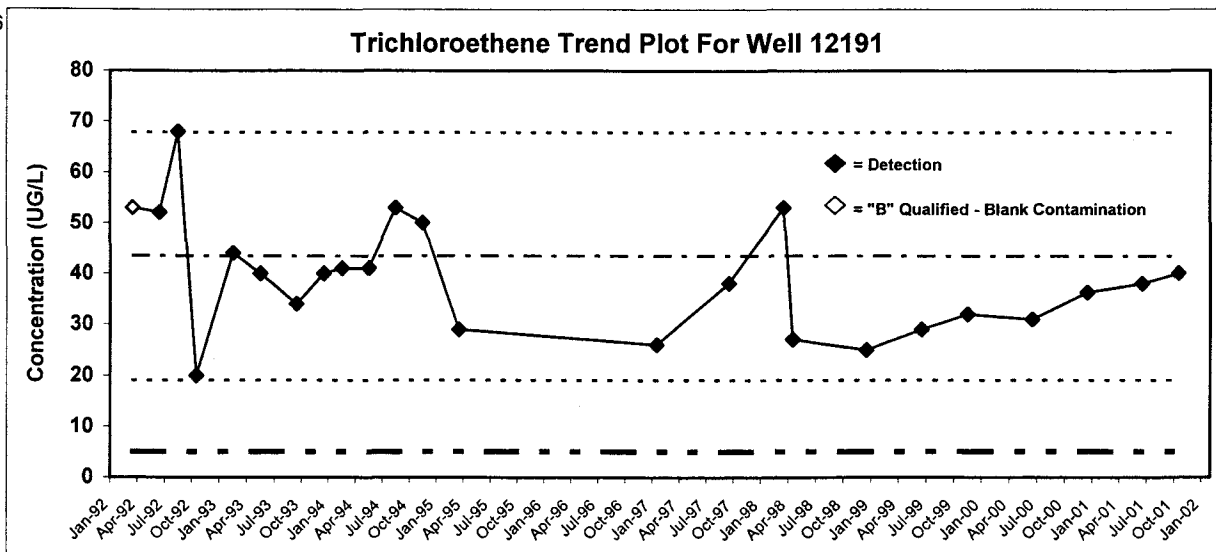


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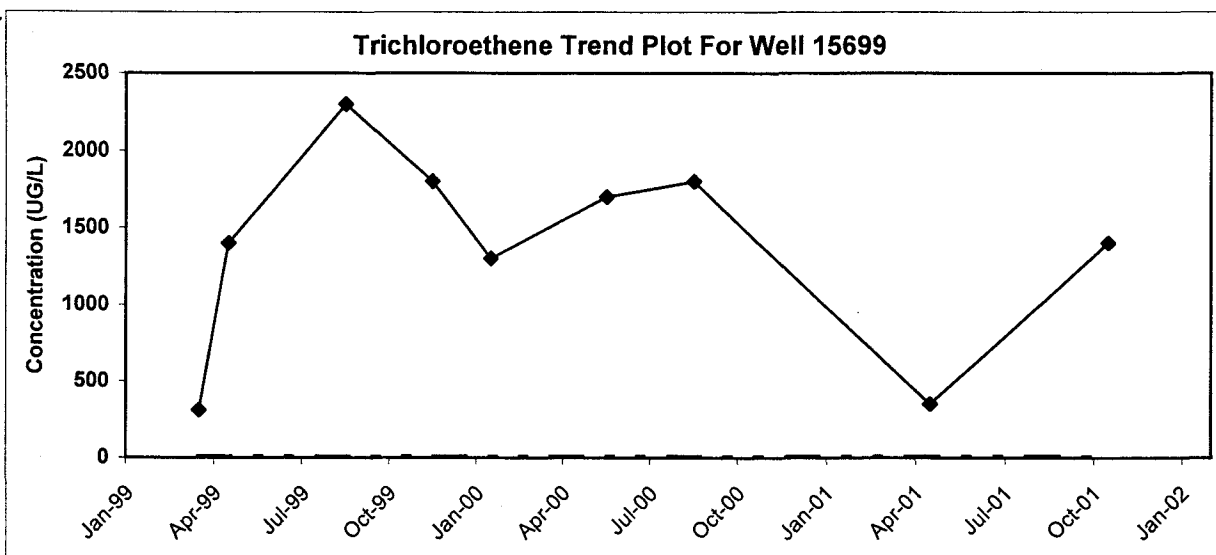


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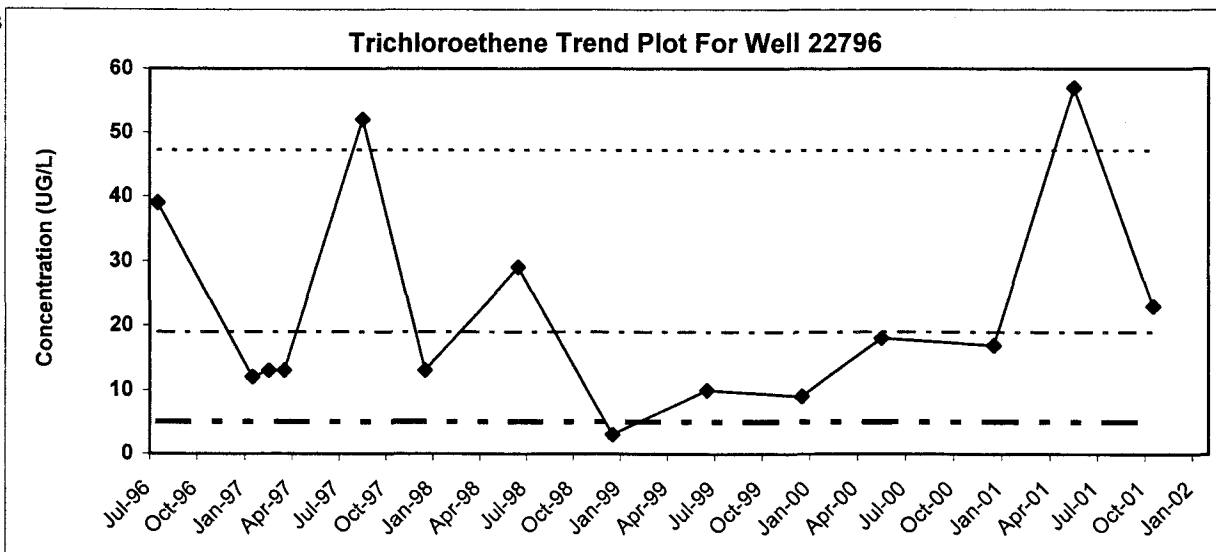


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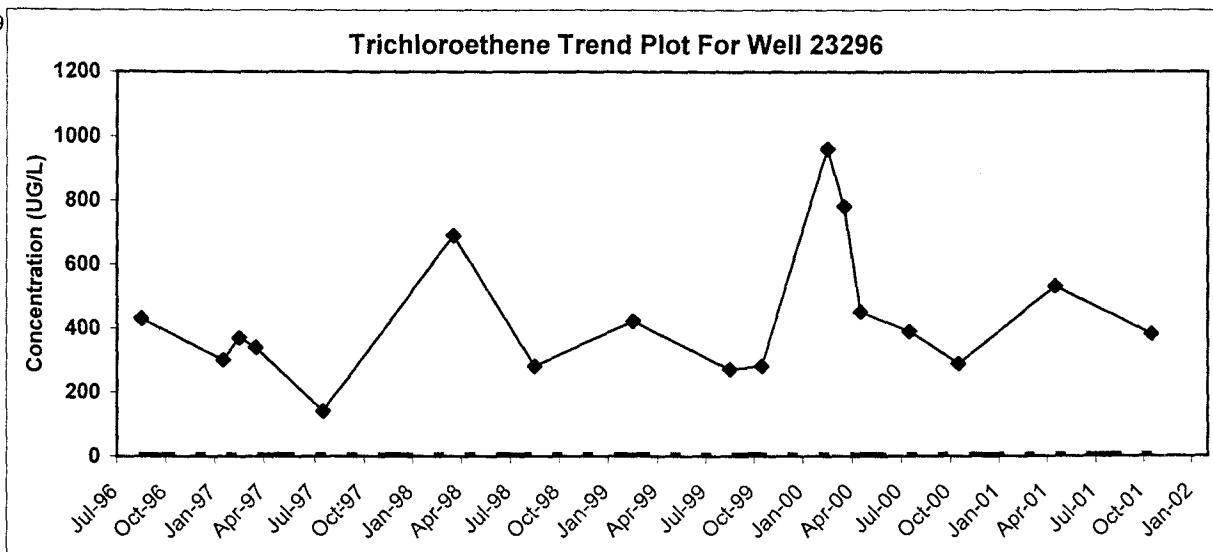


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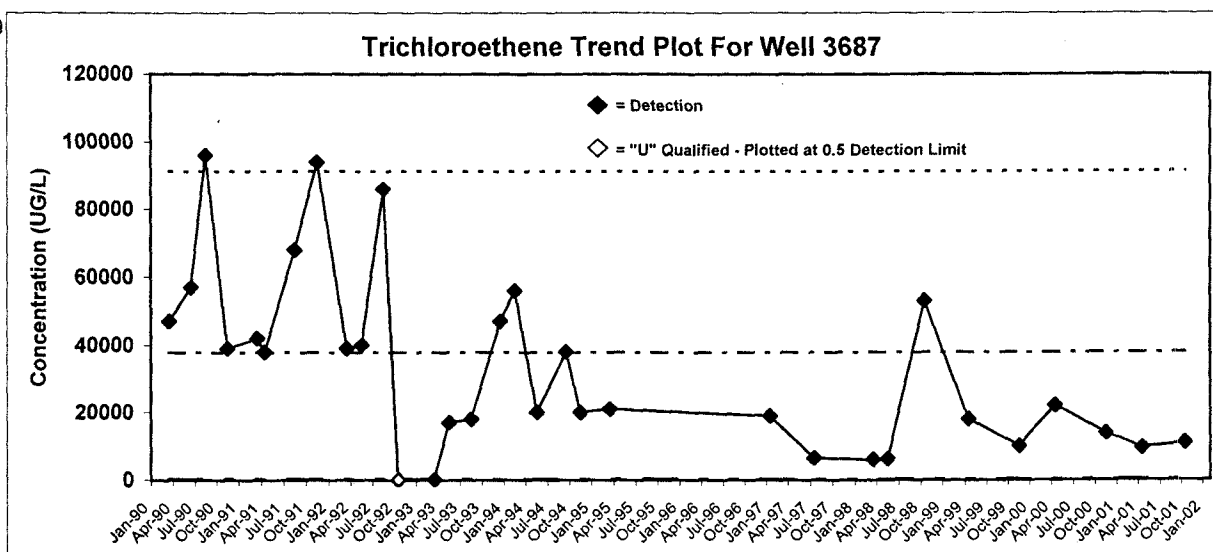


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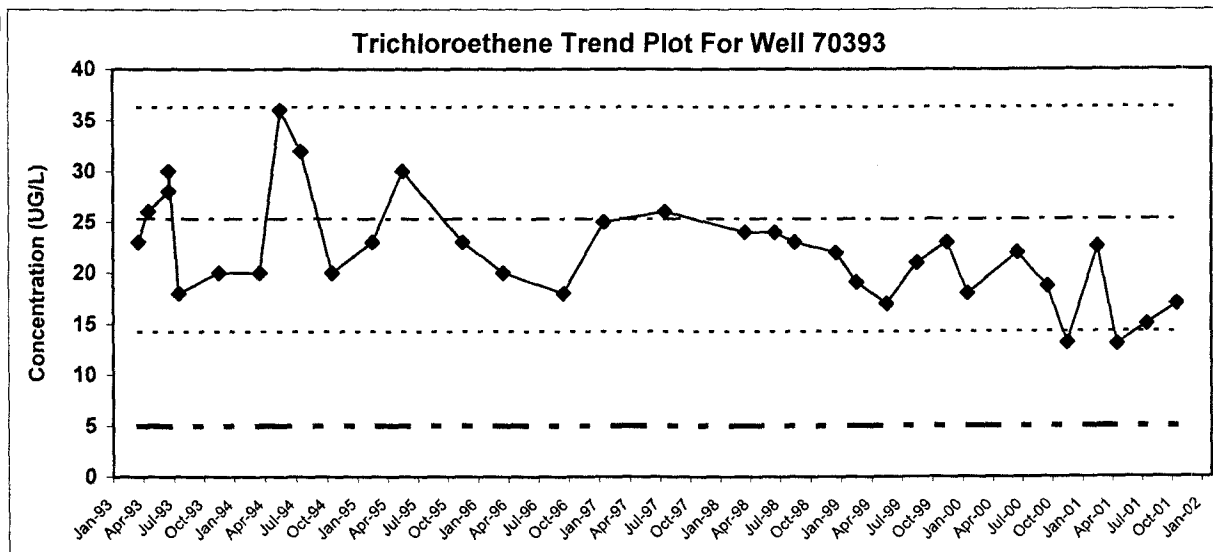


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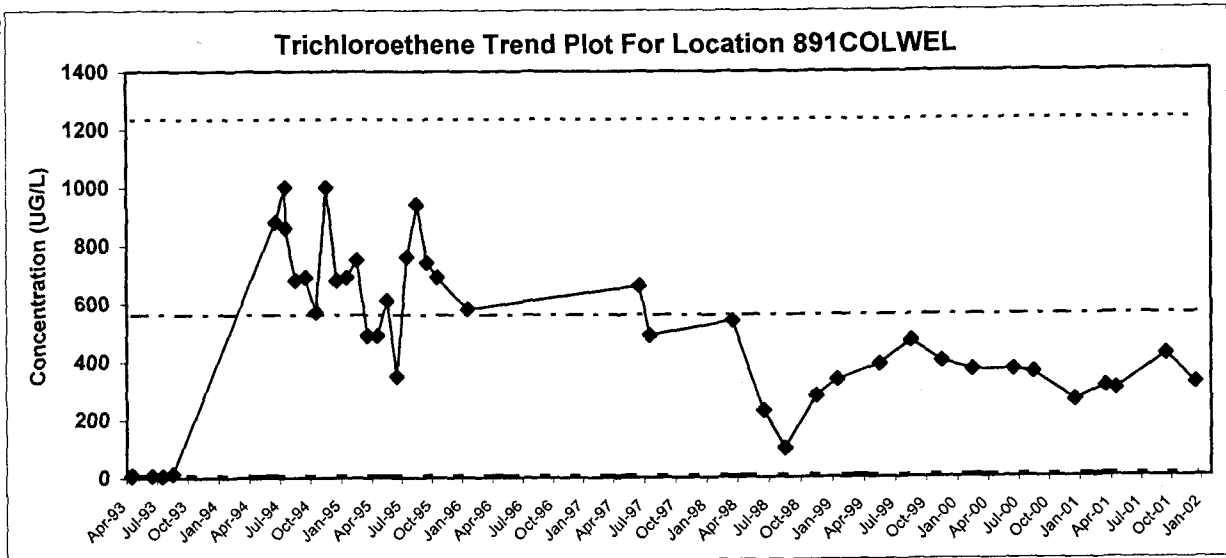


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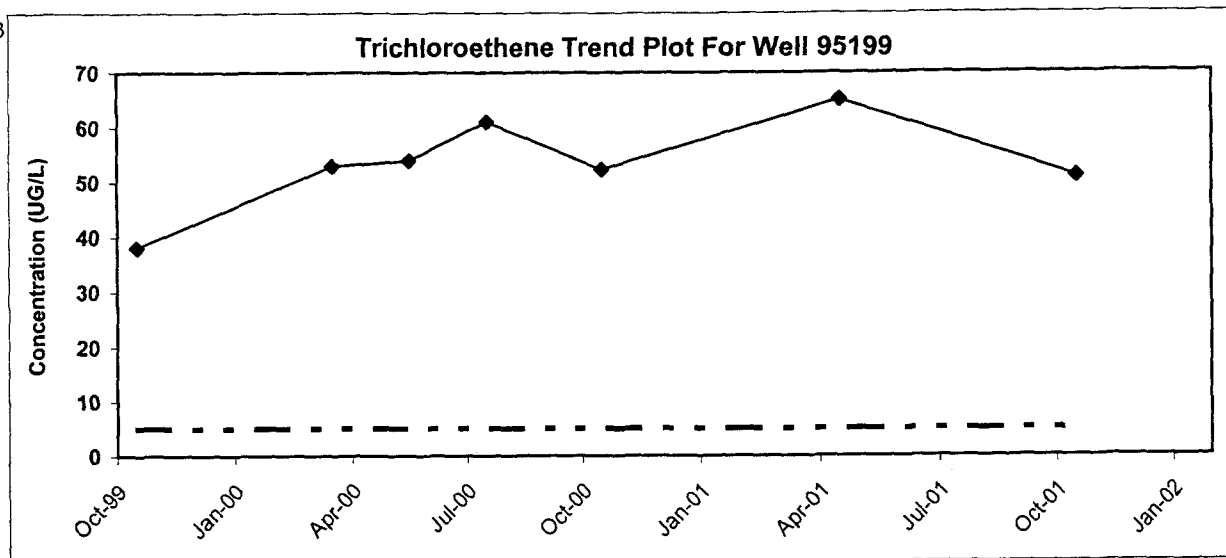


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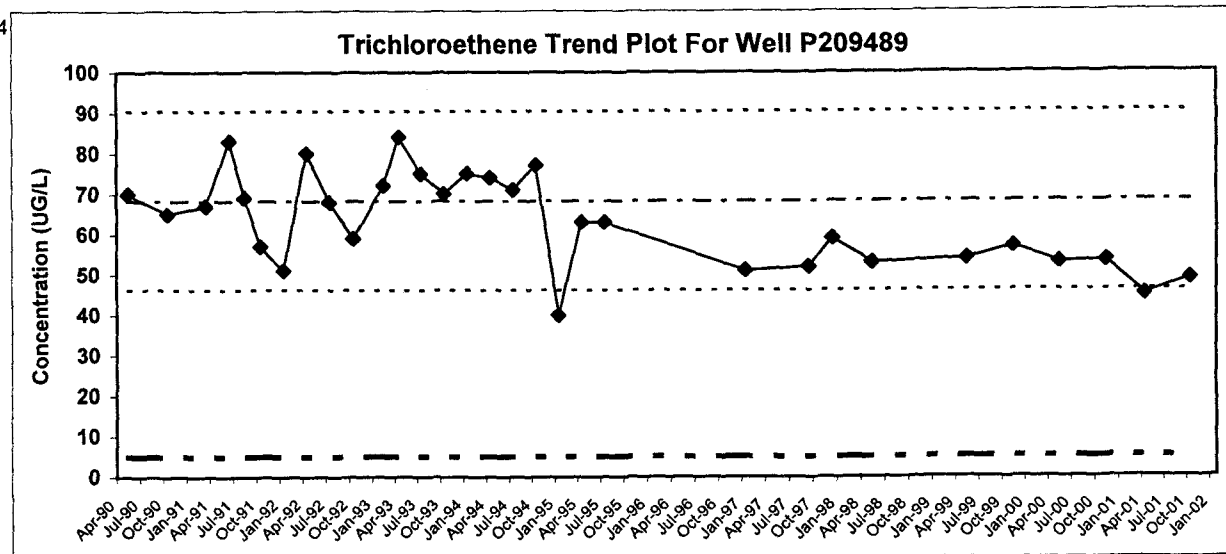


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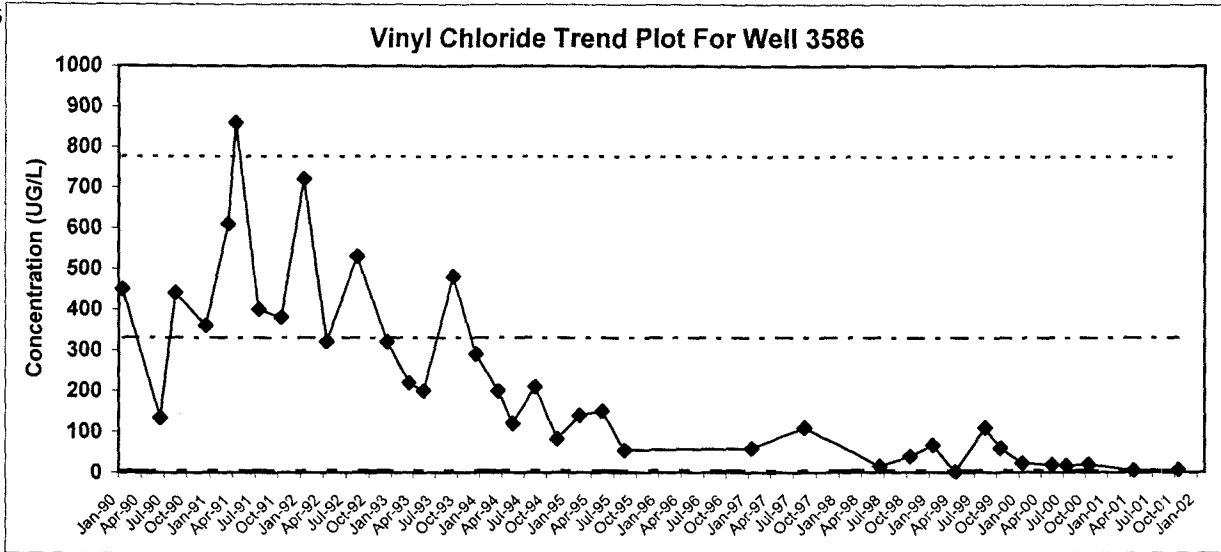


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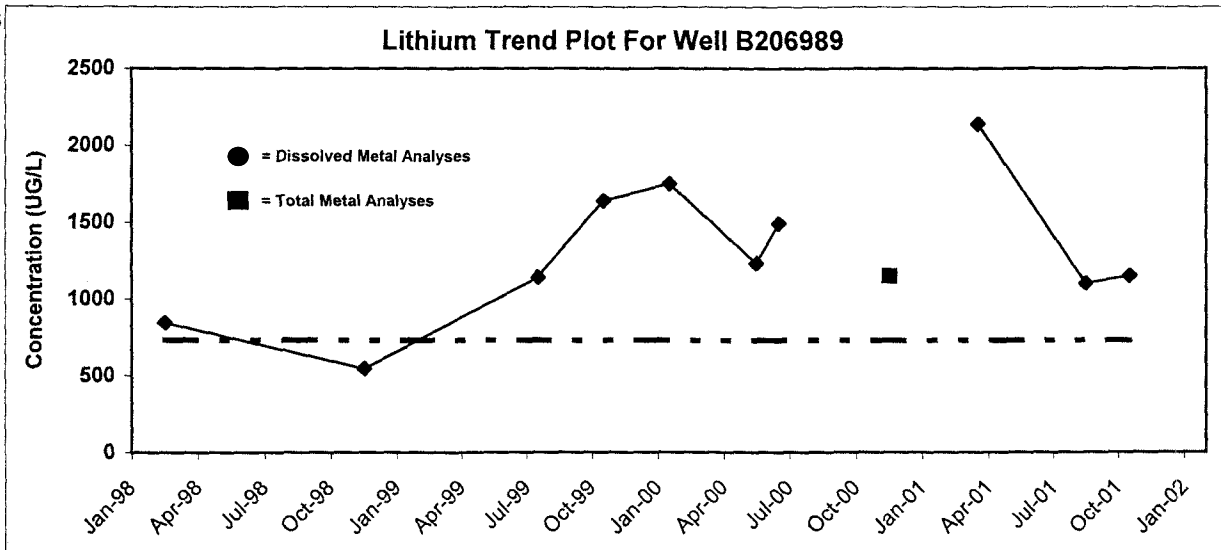


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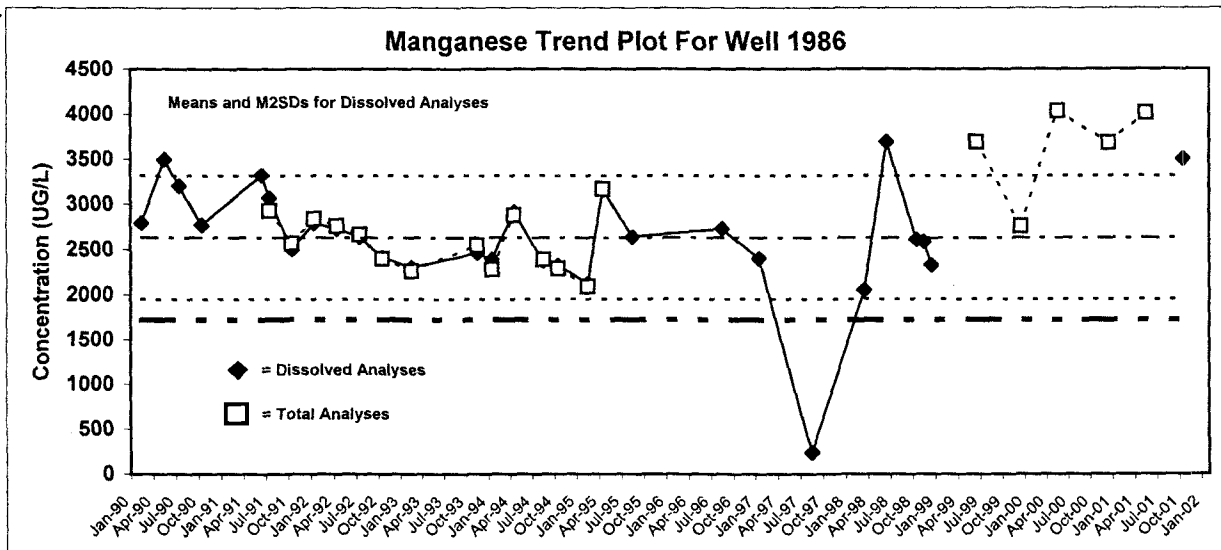


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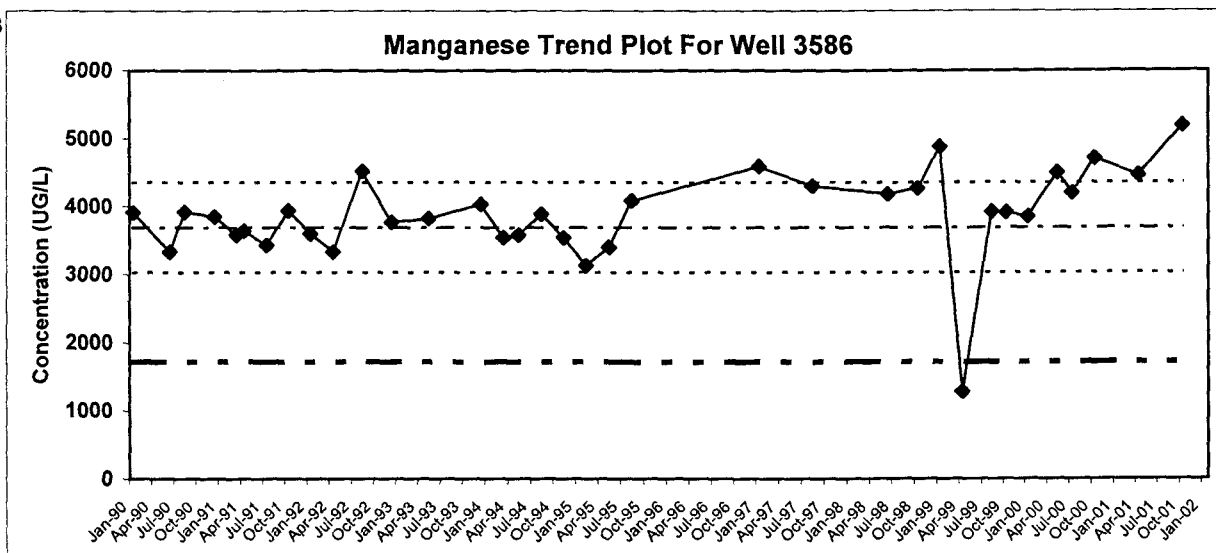


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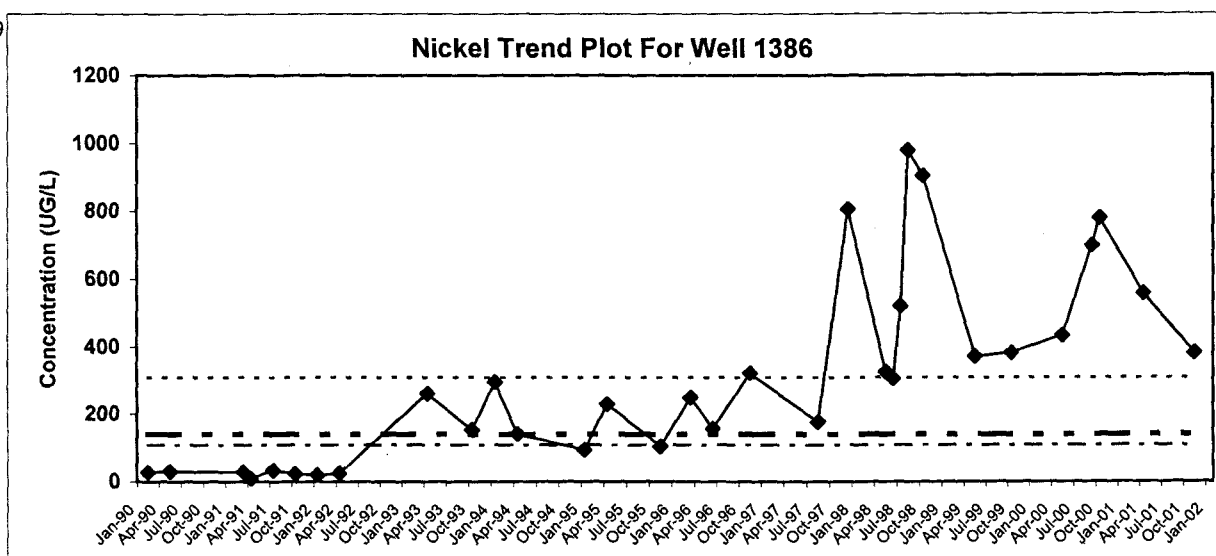
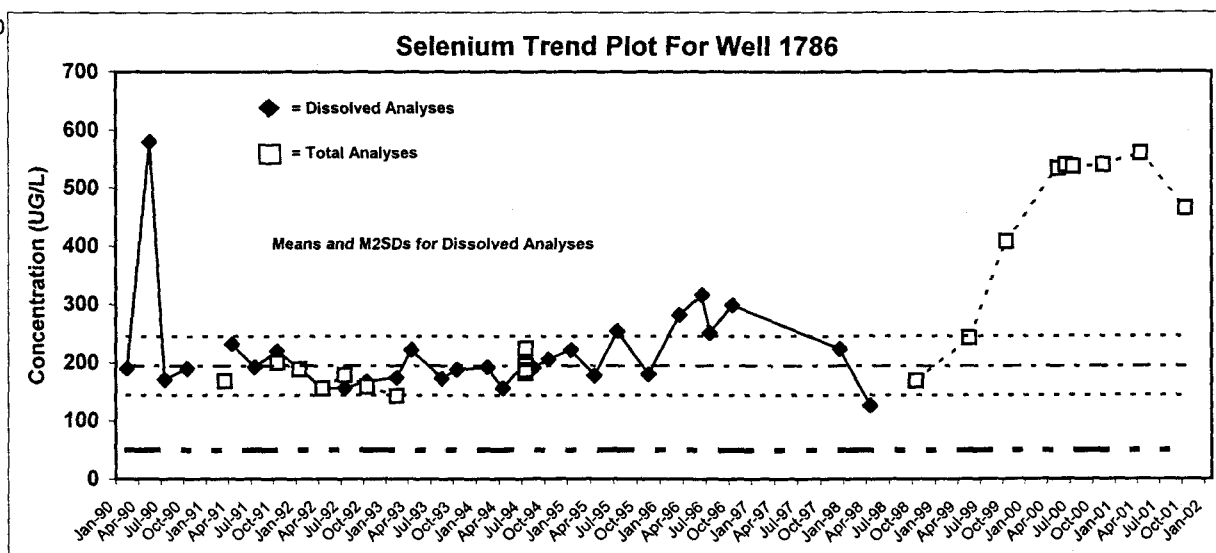


Fig -2-60



Fourth Quarter RFCA Groundwater Monitoring Report for Calendar Year 2001  
Rocky Flats Environmental Technology Site - May 2002  
02-RF-00920

ERRATA

Figure 2-63 as published has a Symbol font for the date axis (x-axis).  
The corrected figure is presented below.

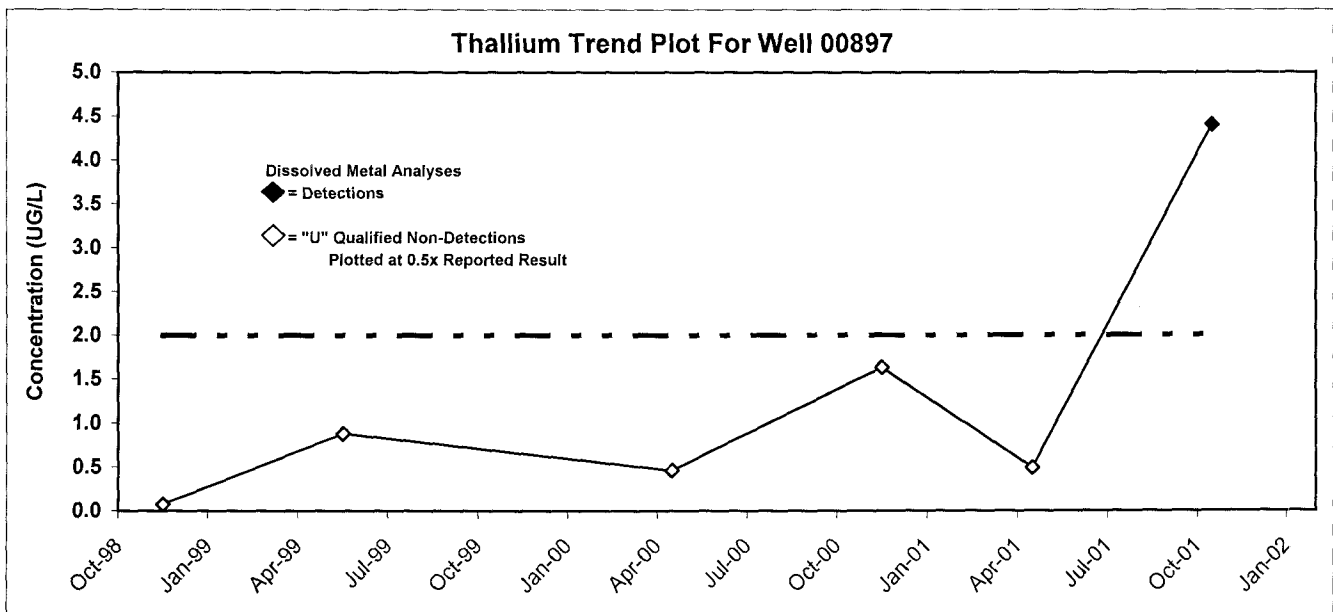






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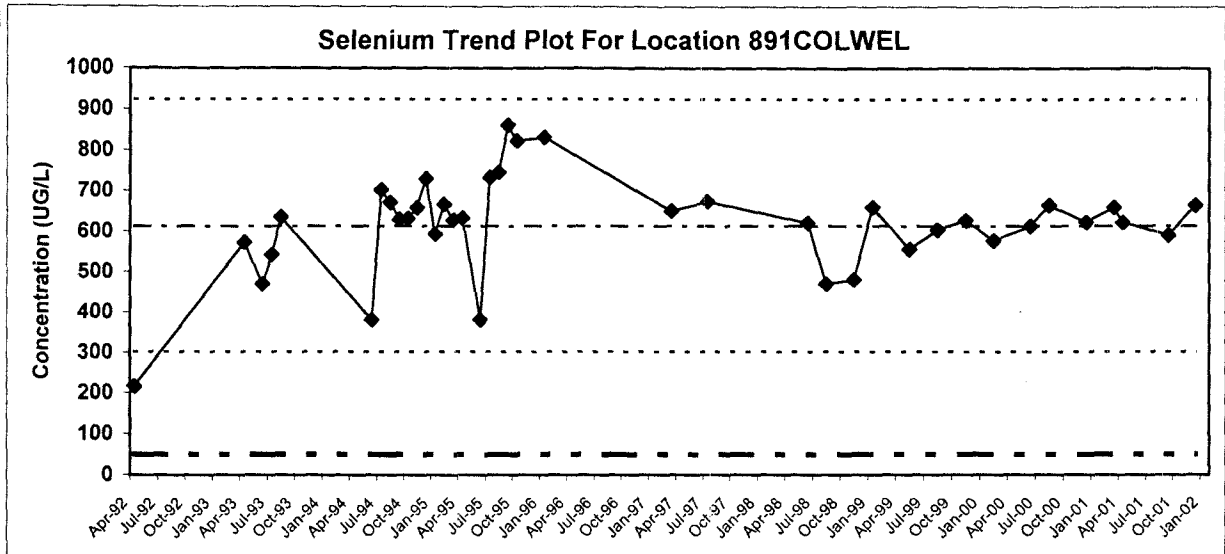


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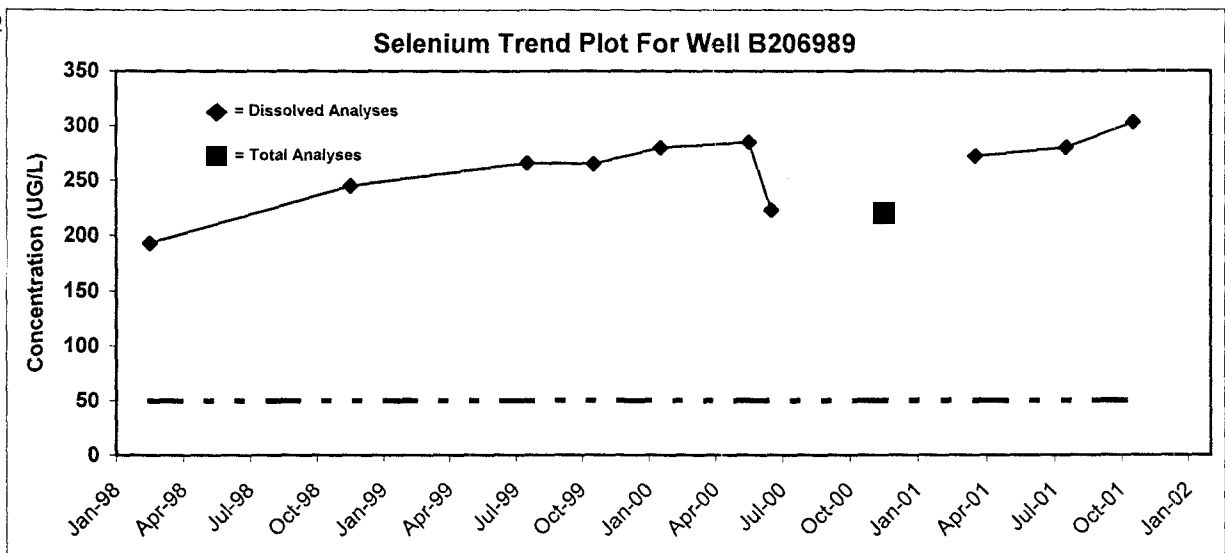


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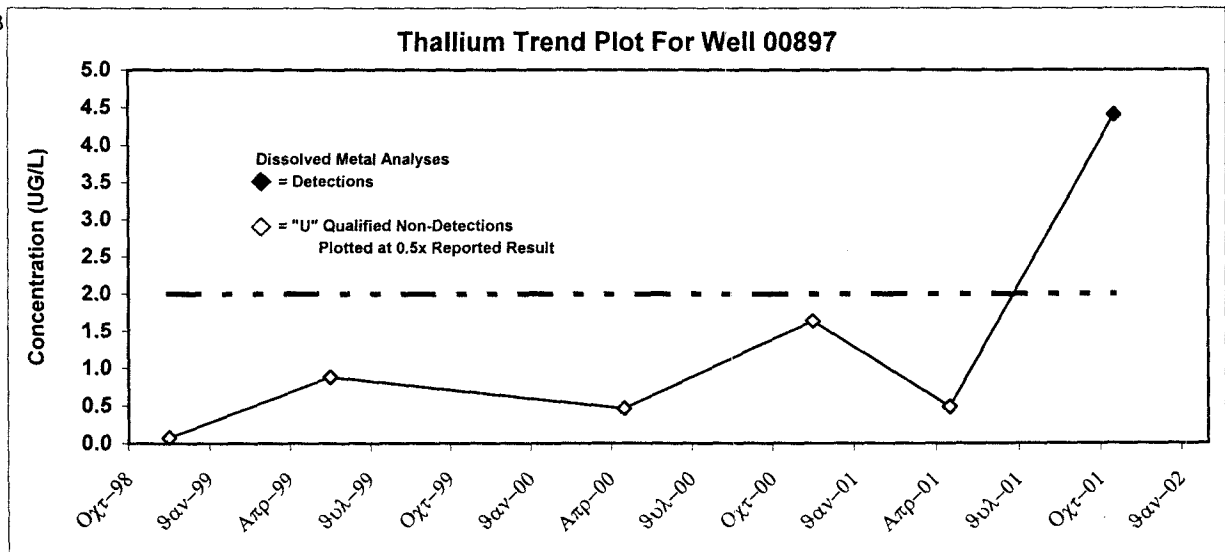


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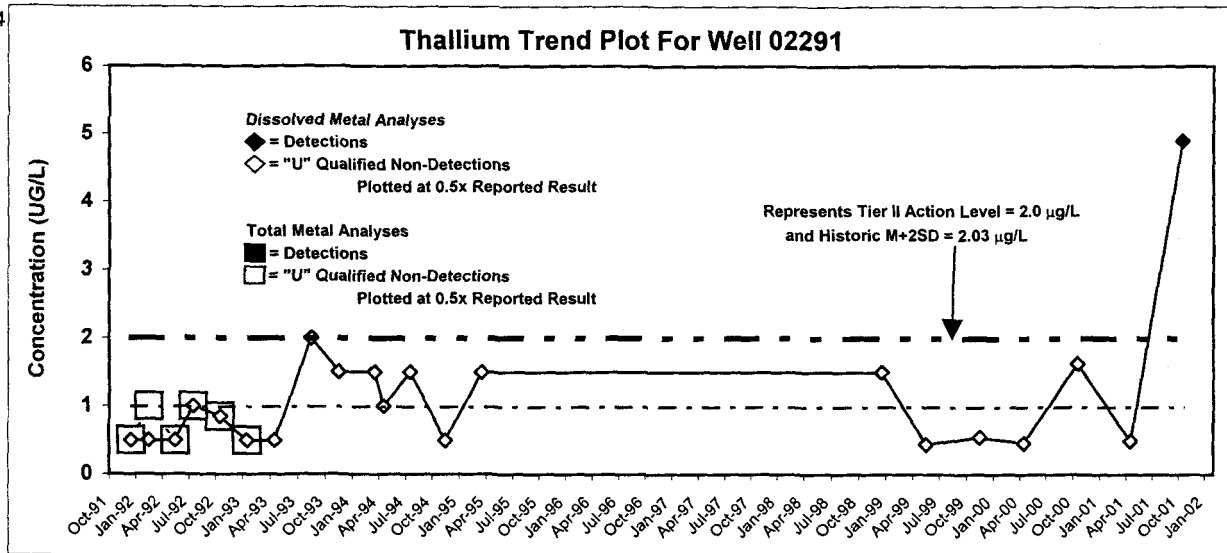


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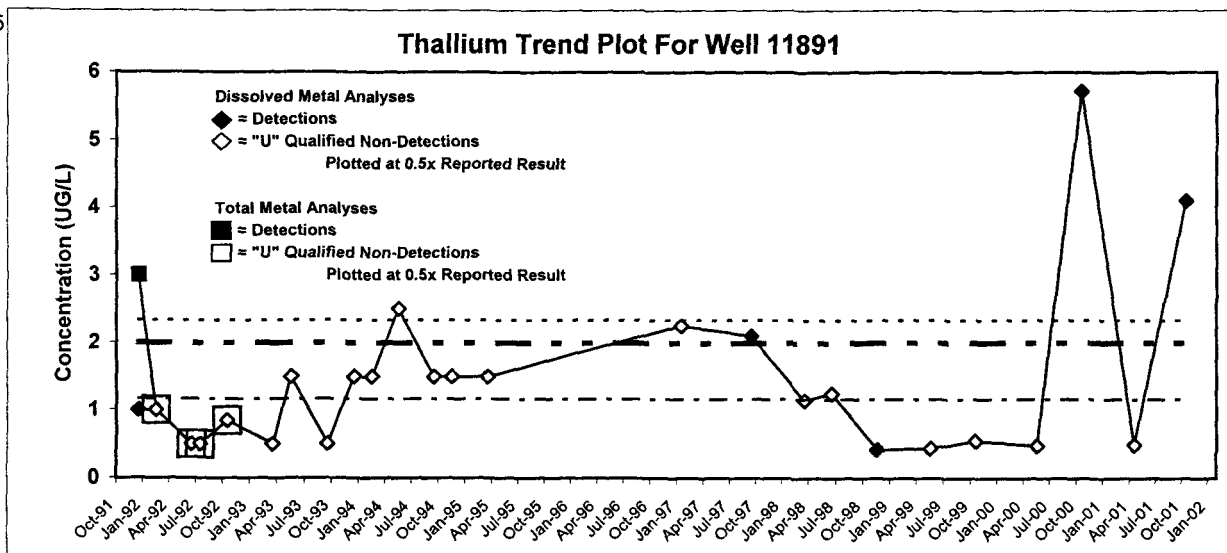


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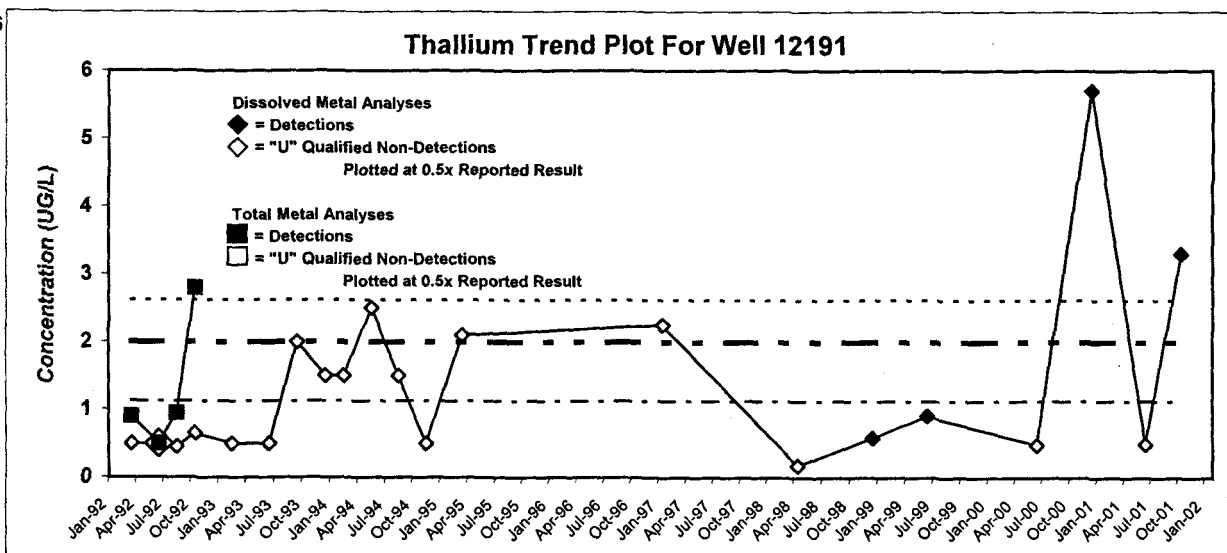


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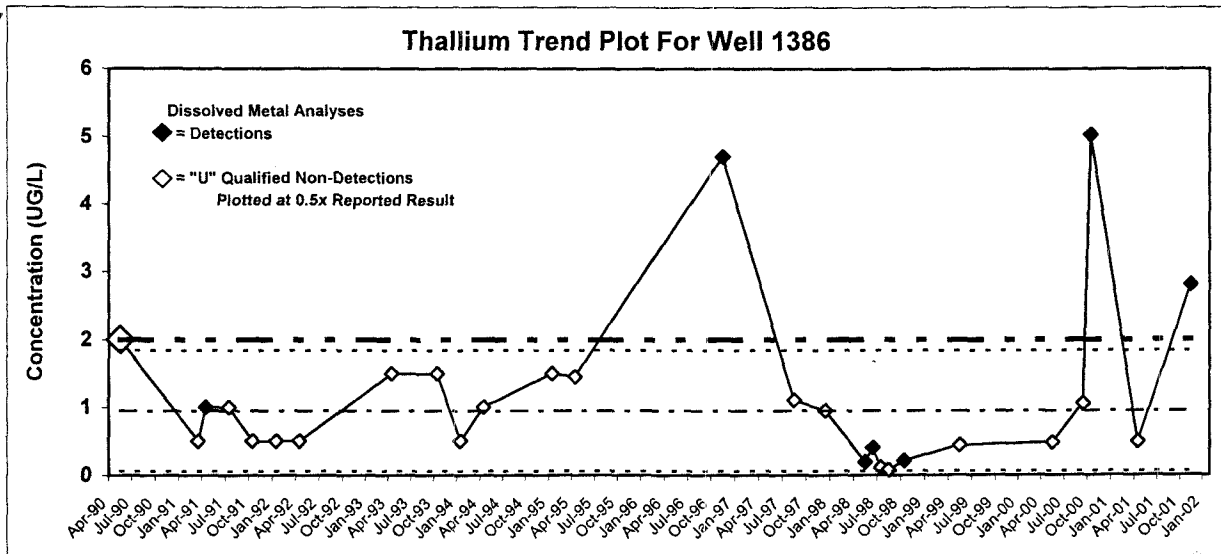


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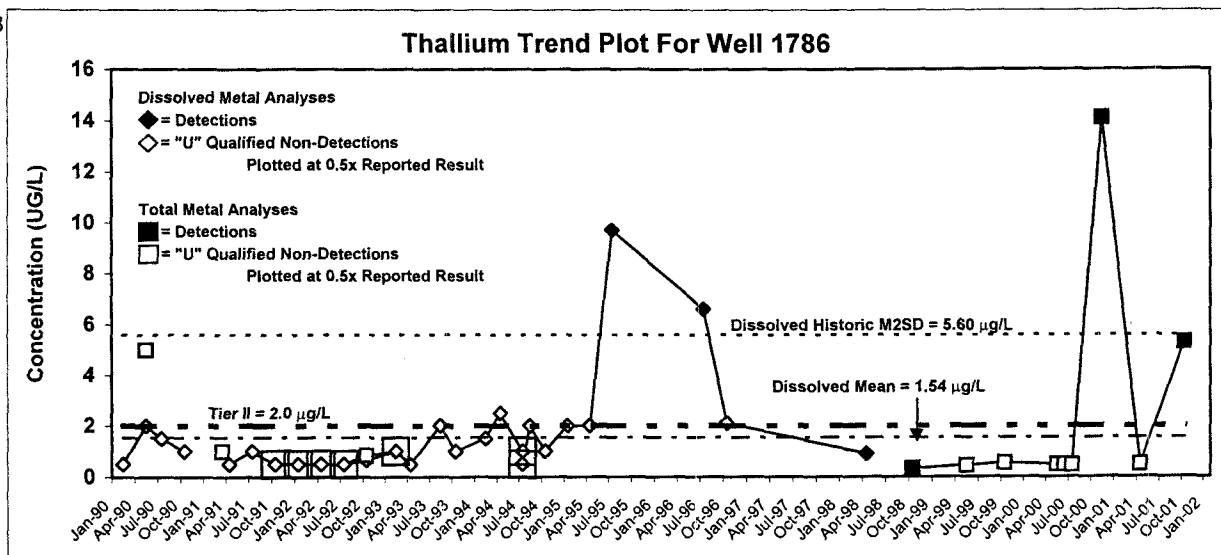


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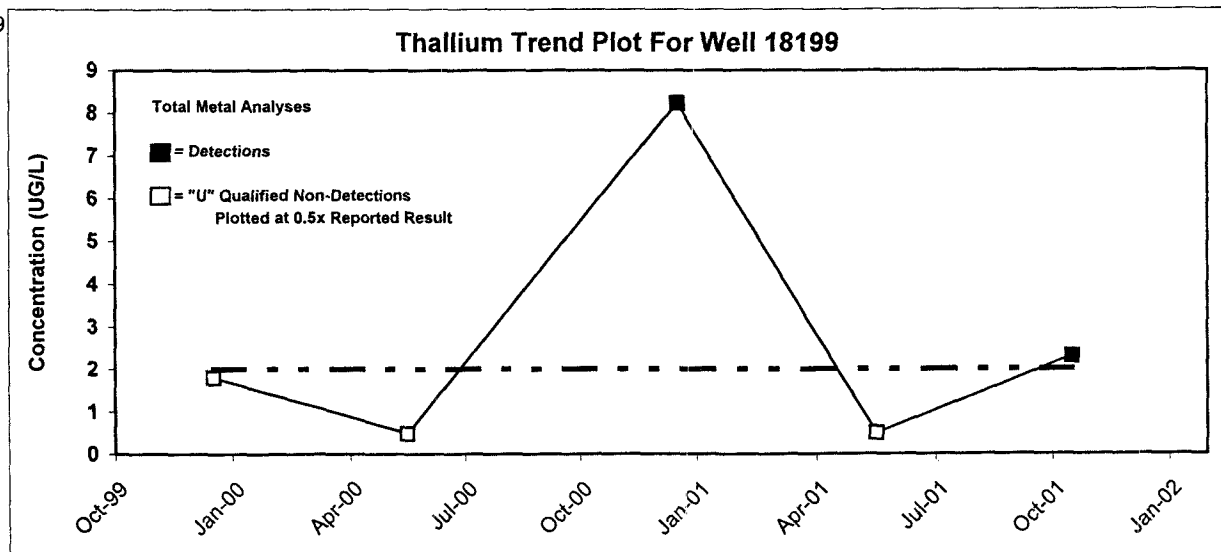


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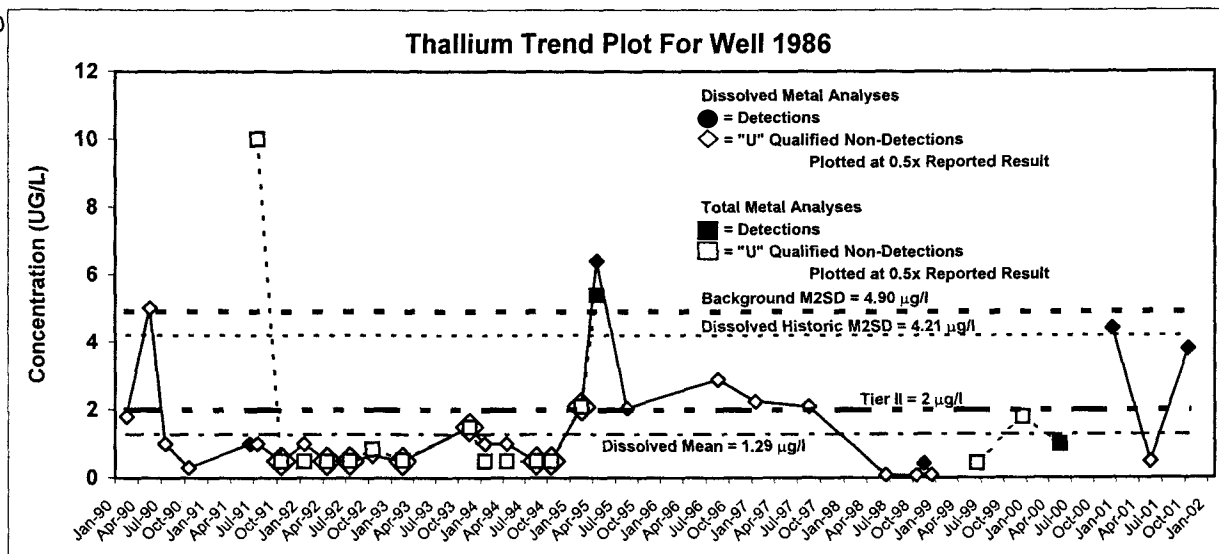


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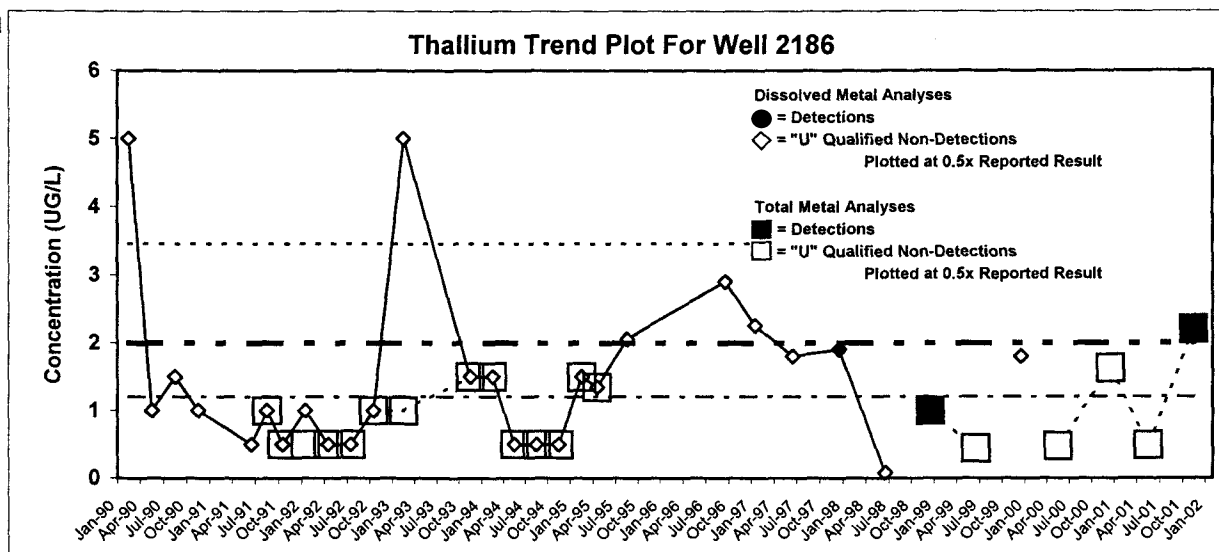


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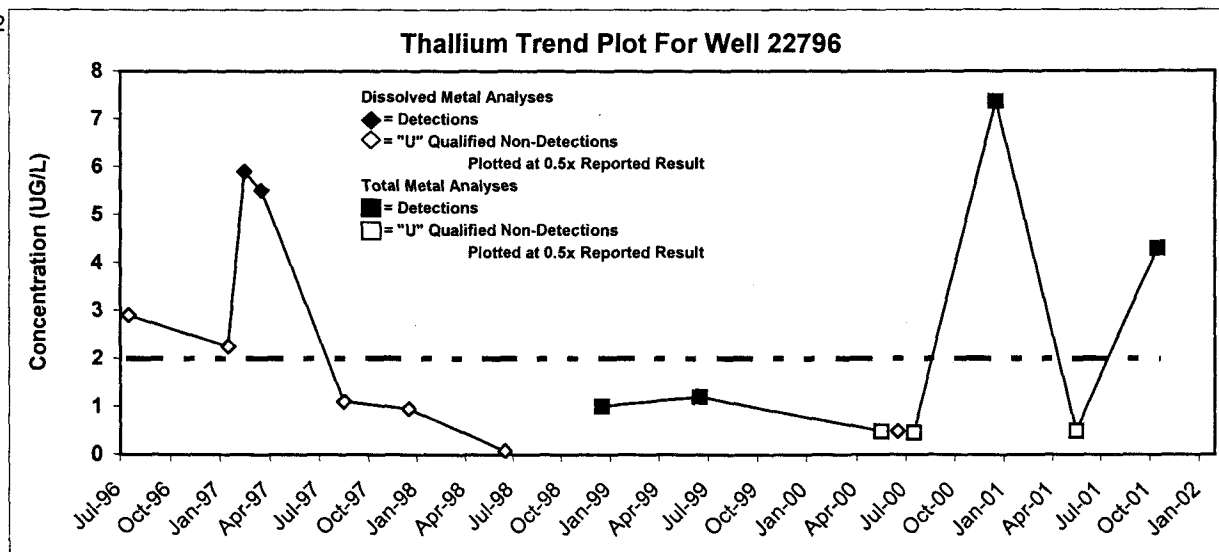


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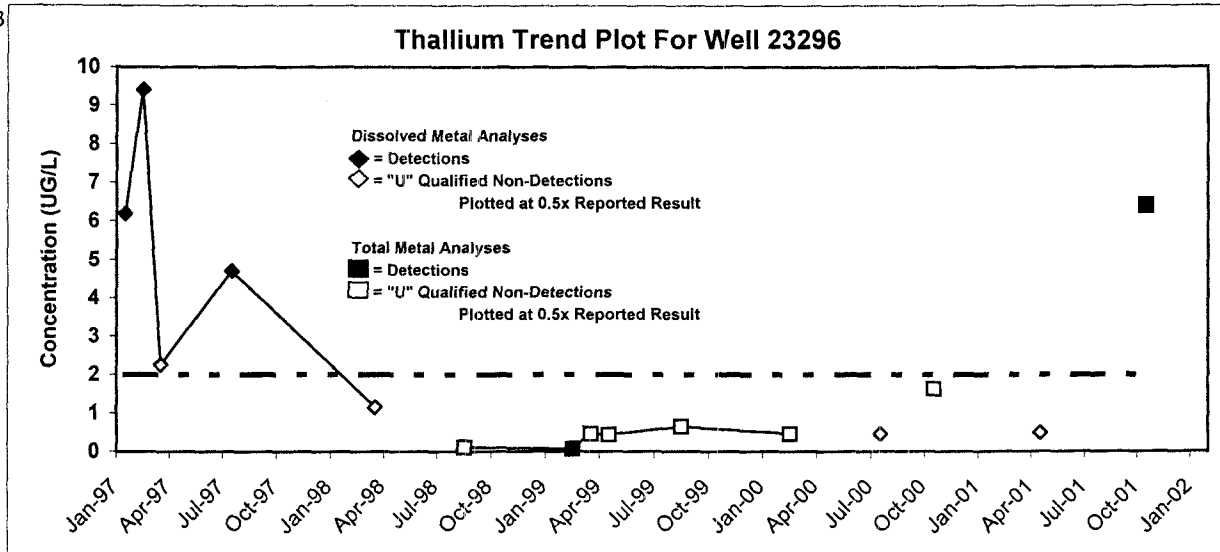


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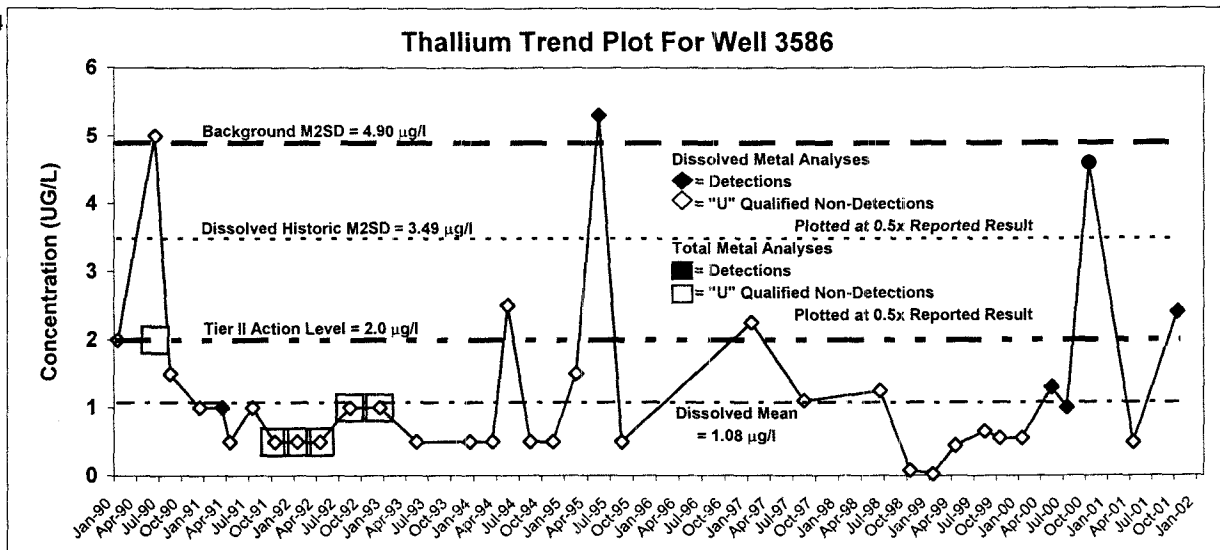
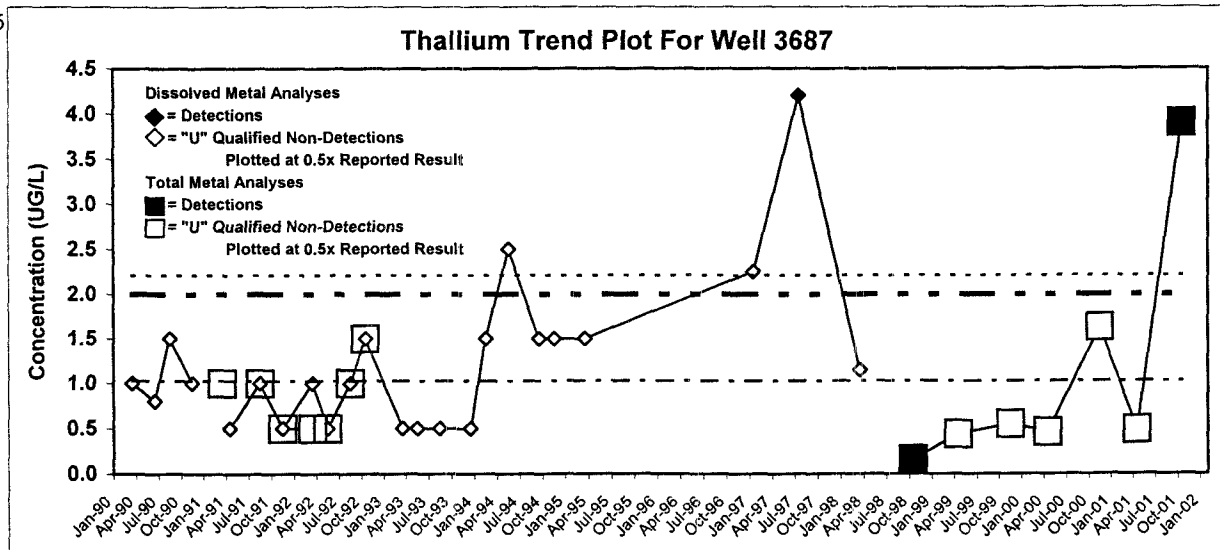


Fig 2-75



**Trend Plots For Selected Analytes and Wells  
Fourth Quarter, 2001**

02-RF-00920

Fig 2-76

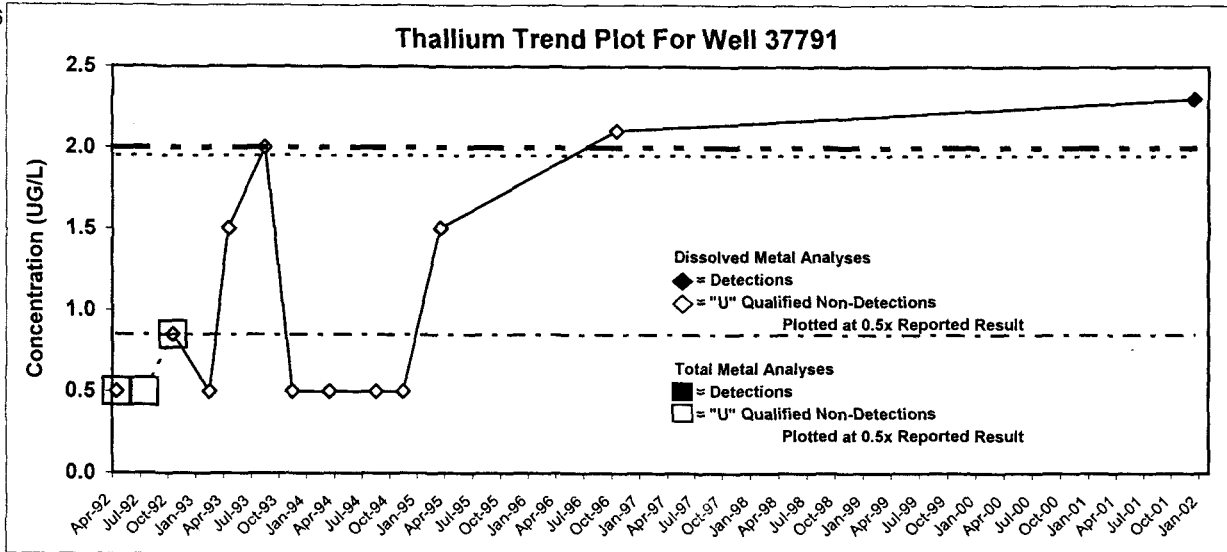


Fig 2-77

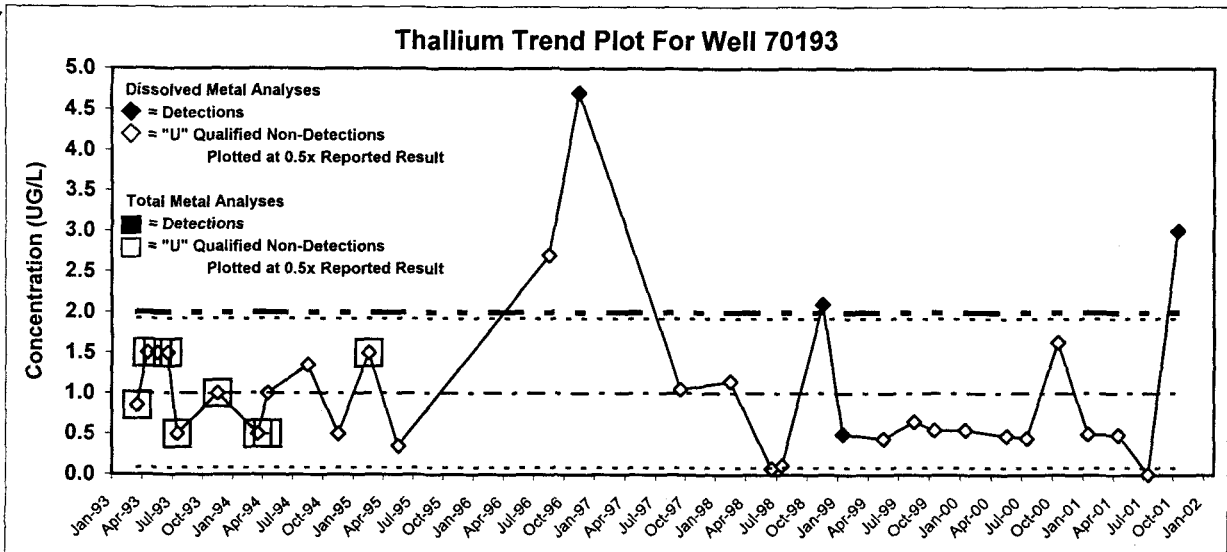


Fig 2-78

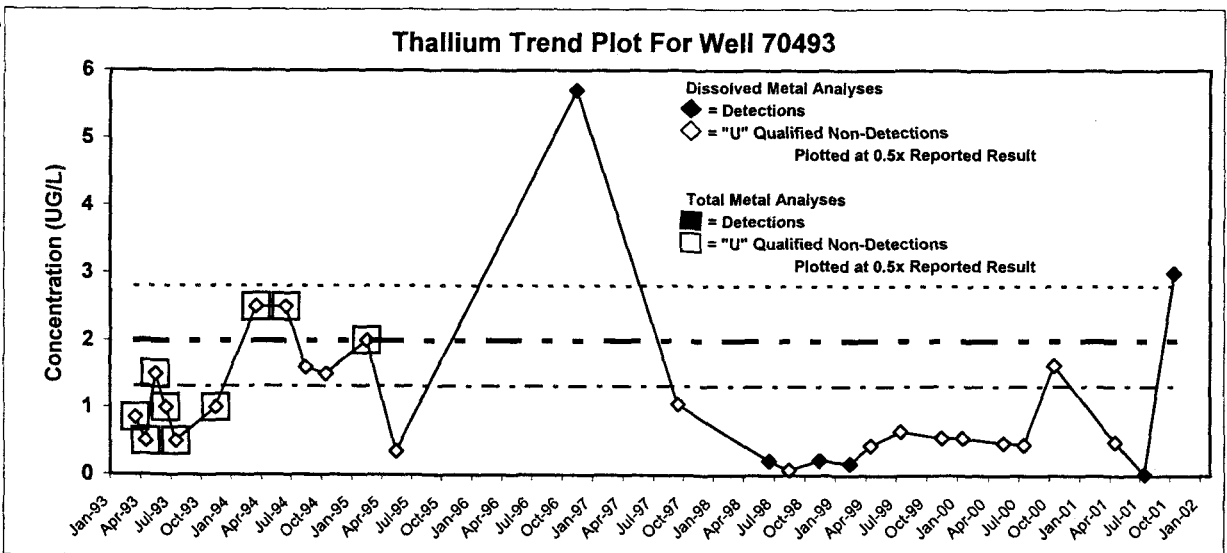


Fig 2-79

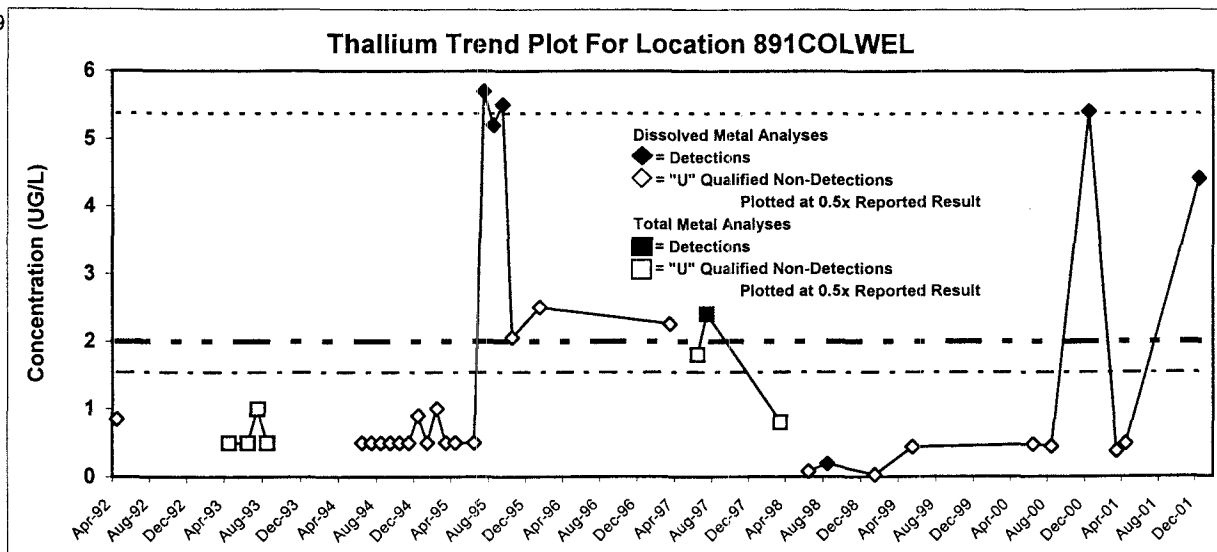


Fig 2-80

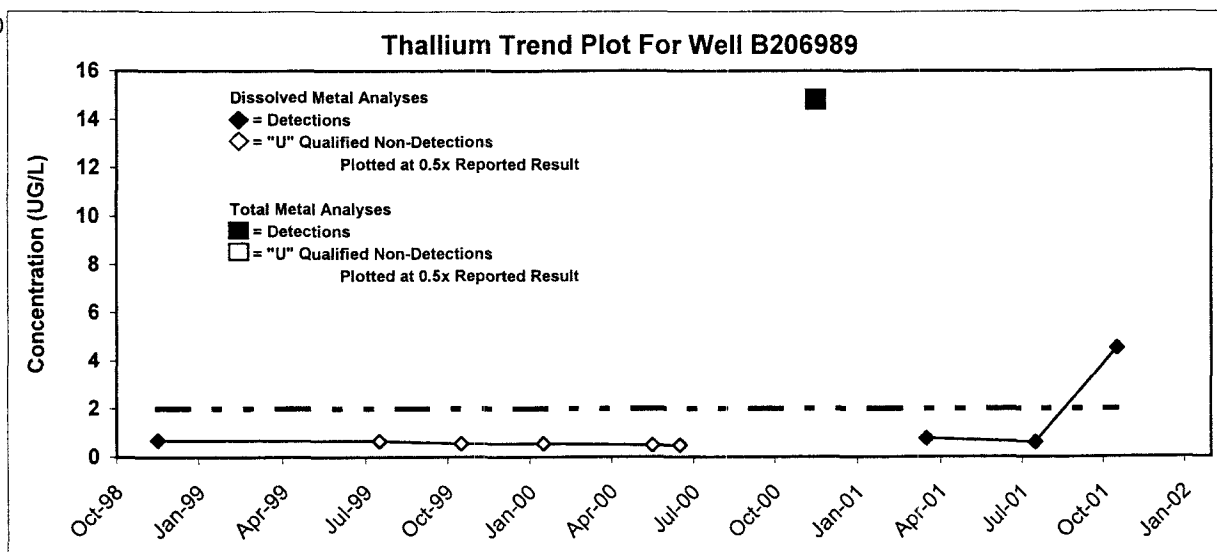


Fig 2-81

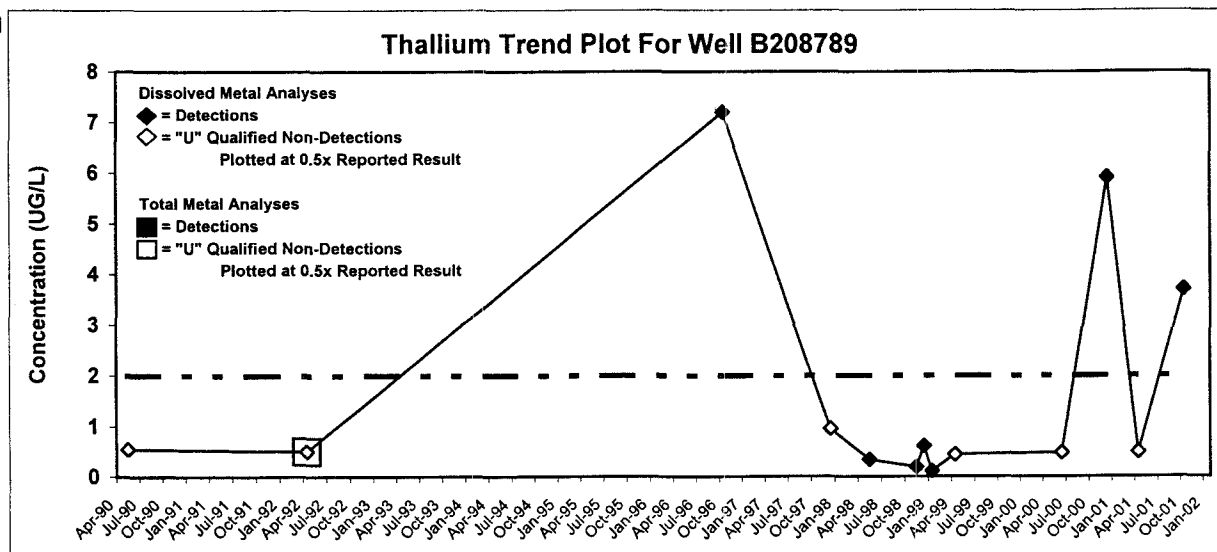


Fig 2-82

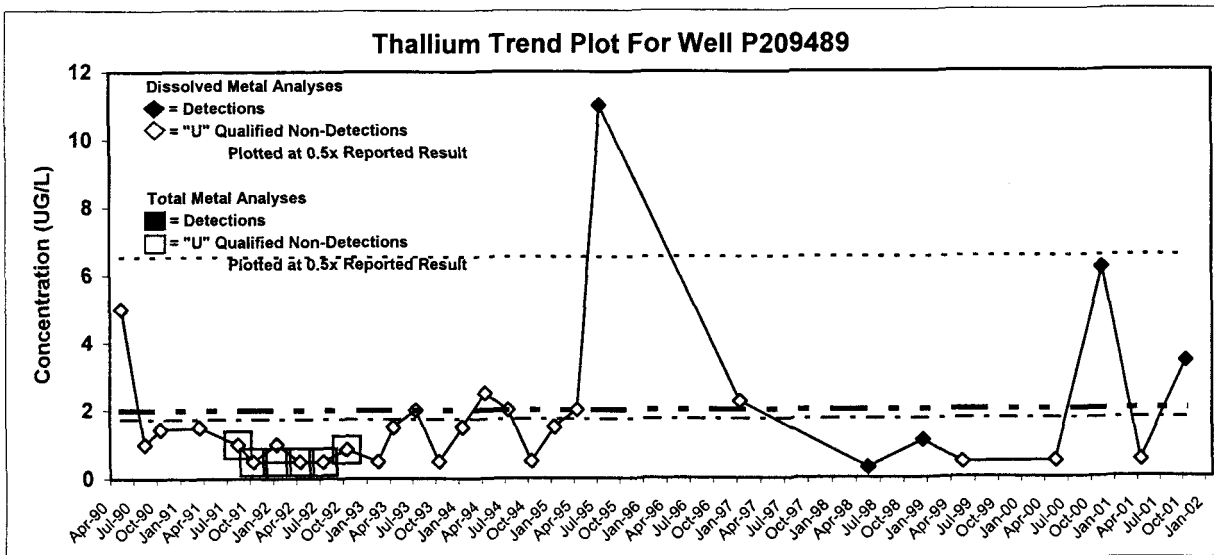


Fig 2-83

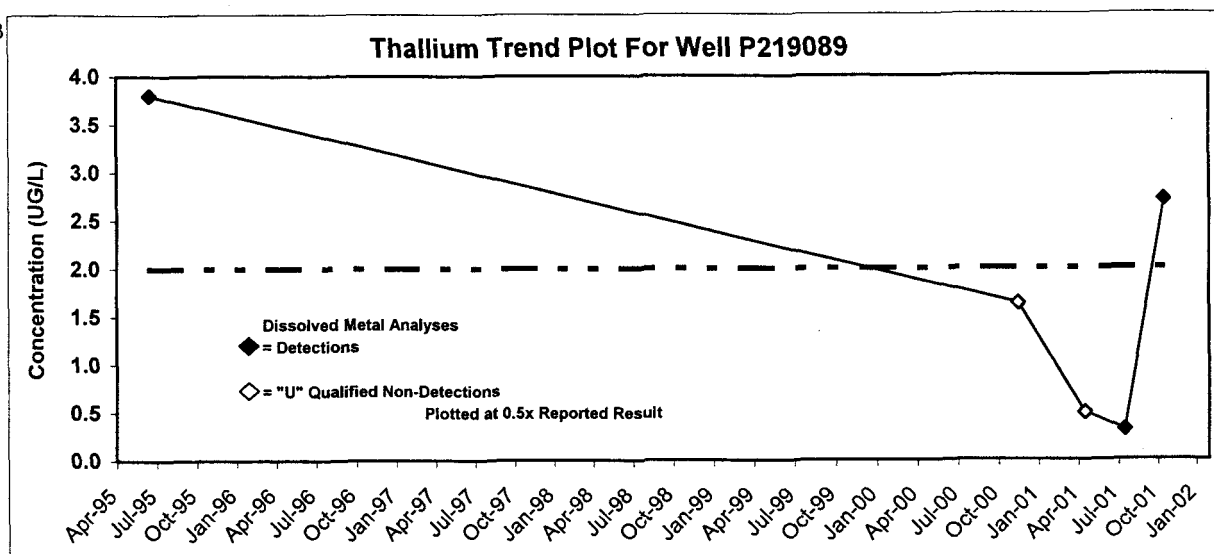


Fig 2-84

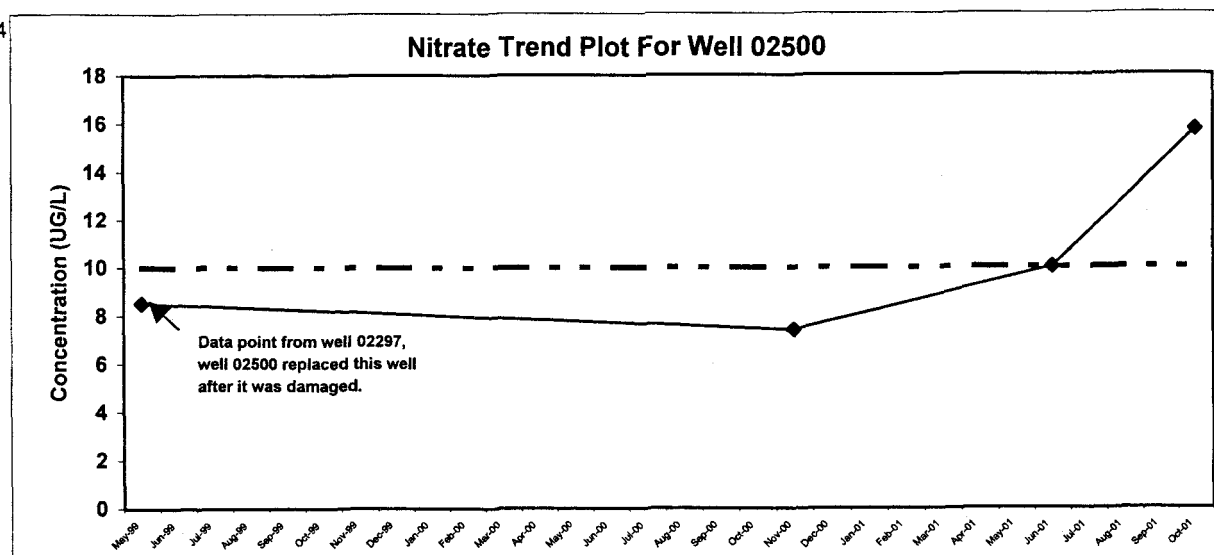




Fig 2-85

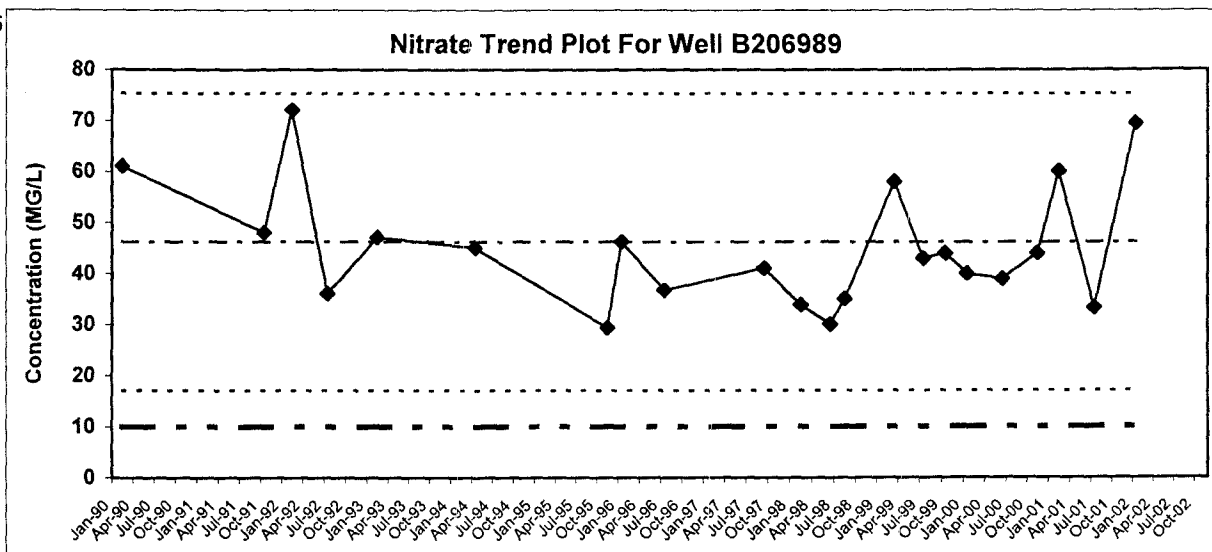


Fig 2-86

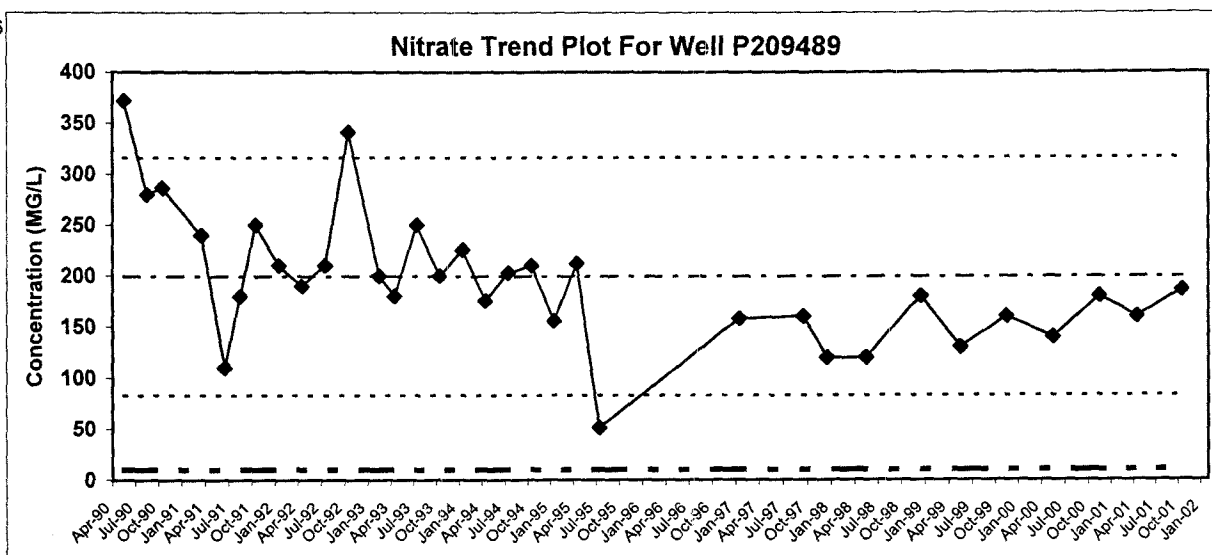


Fig 2-87

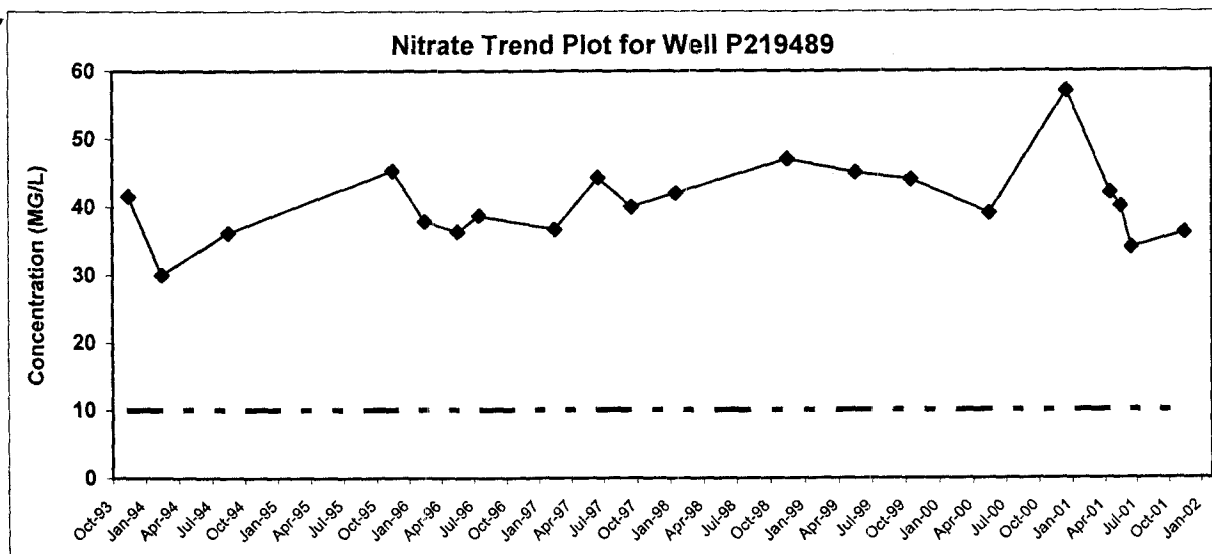


Fig 2-88

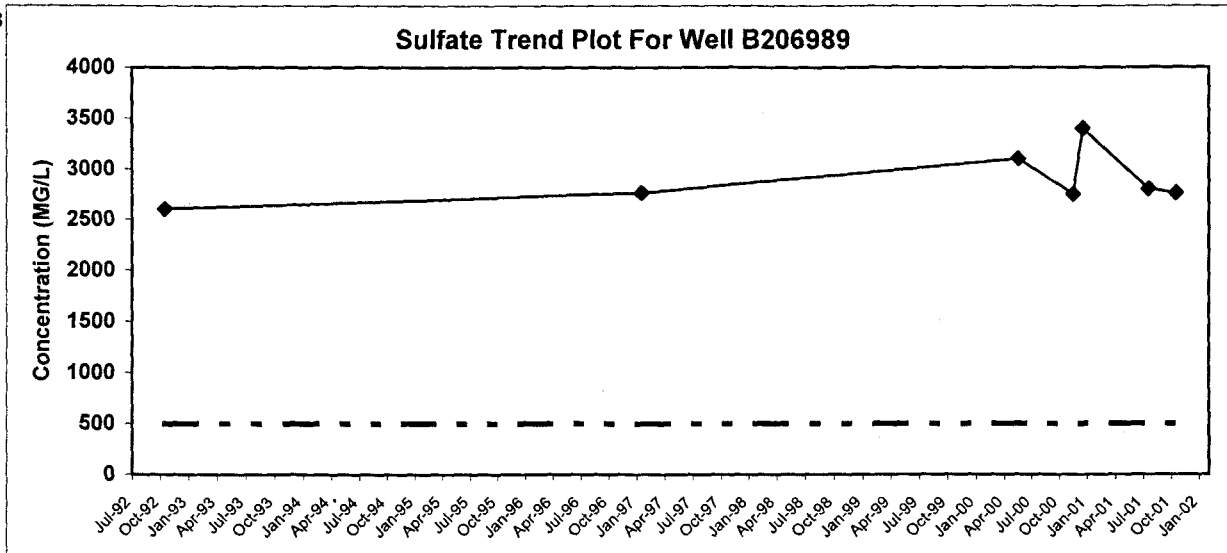


Fig 2-89

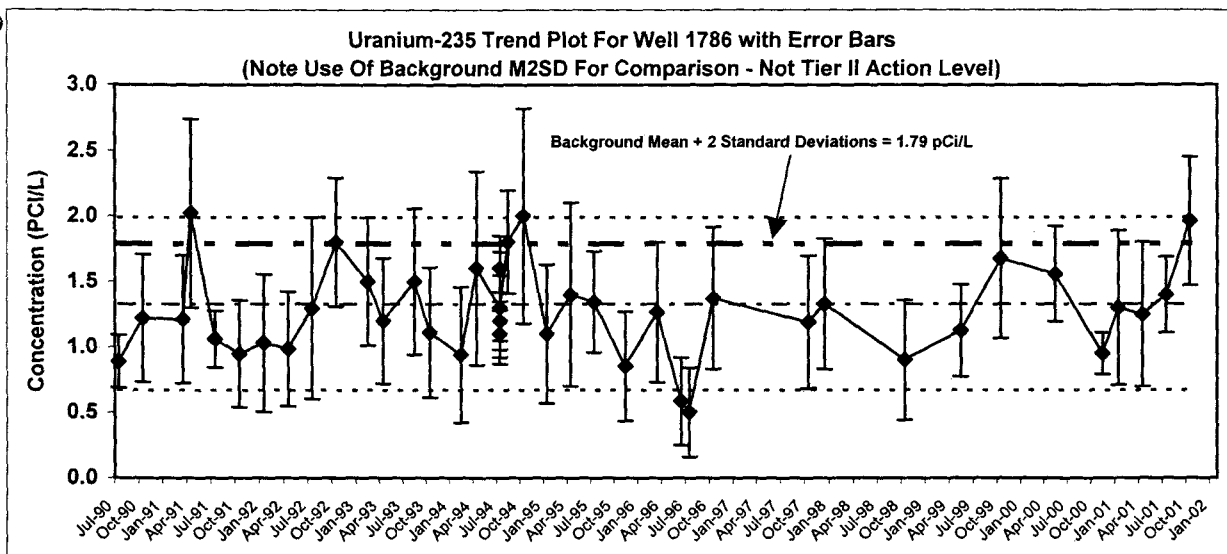


Fig 2-90

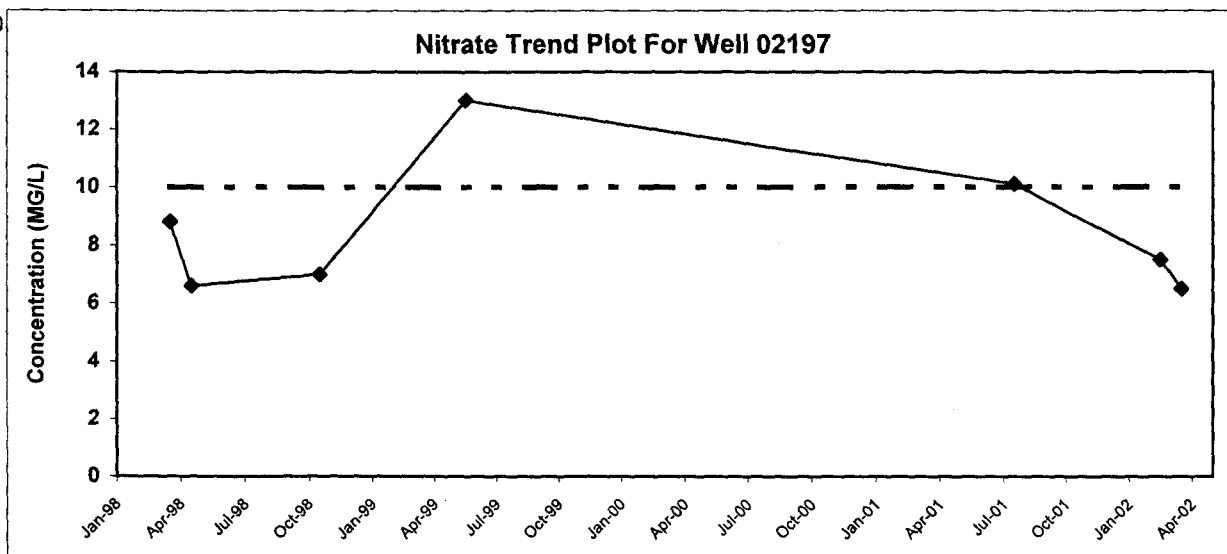
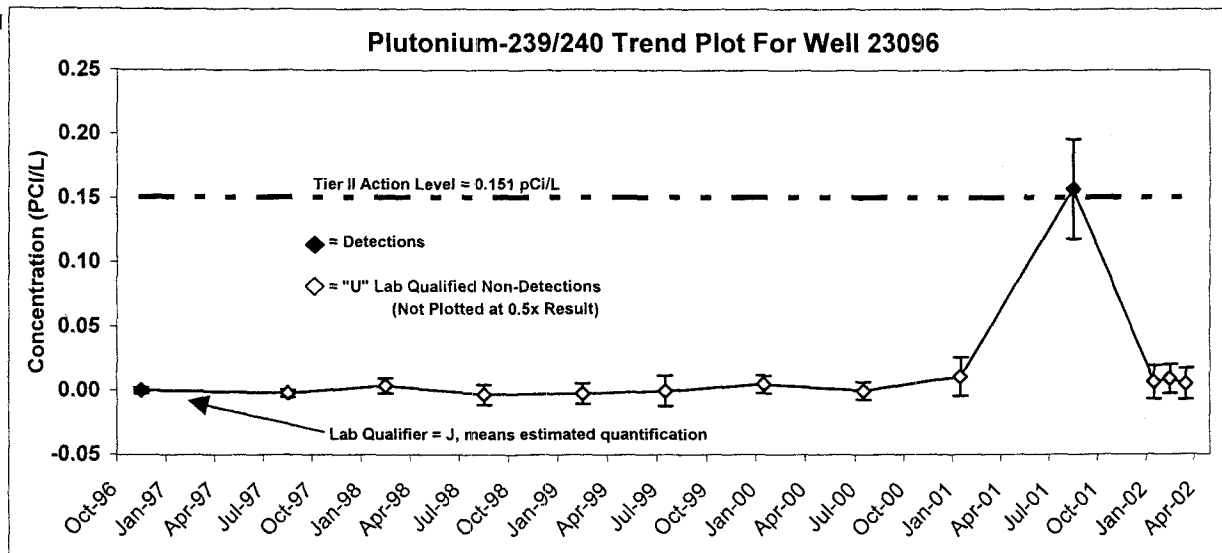


Fig 2-91



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## 7.0 GROUNDWATER DATA QUALITY ASSESSMENT – GENERAL INTRODUCTION

In this section, the quality of the analytical data is assessed in terms of five data-quality parameters: **precision, accuracy (bias), representativeness, completeness, and comparability (PARCC)**. These are derived from a Rocky Mountain Remediation Service document: "Quality Assurance Program Plan For The Groundwater Monitoring Program Rocky Flats Environmental Technology Site" (RMRS, 2001, referred to as the **QAPP**). Precision and accuracy (bias) are quantitative measures. Representativeness and comparability are qualitative measures. Completeness is a combination of both quantitative and qualitative measures. This section summarizes the types of data available to assess these PARCC parameters.

Prior to the evaluations made here the Kaiser Hill-Analytical Services Division (ASD) team performs its own data quality assessment on all Metal, Radionuclide, Volatile Organic Compound, Polychlorinated Biphenyl and Water Quality Parameter results that are derived from groundwater. The nature and extent of these verification and validation activities are based upon program and customer-specified requirements and requirements of ASD to evaluate contractor laboratory performance against Statement of Work (SOW) requirements. Verification-validation criteria are generally based on government-published standards and guidelines, primarily EPA Contract Laboratory Procedures (CLP) and SW-846 method guidelines for organic and inorganic data evaluation and review. Verification-validation is a graded process to assess both compliance of the data package with the SOW and acceptability of the data using parameter specific guidelines. Verification is an assessment process to ensure that data meet certain specified criteria. Verification is a check of the data based on a review of the summary sheets provided by the laboratory. Validation provides the same review with the addition of an examination of the raw data and calculations that go into the summary tables. Validation is a more thorough assessment process than verification. All laboratory generated components of the following PARCC evaluation such as matrix spikes, laboratory control samples and detection limits are considered in generating the verification and validation qualifiers. The quality of the verification-validation process should be considered a major influence on the quality of the PARCC assessment.

Data used to evaluate the PARCC parameters were included in the data set compiled as described in Section 2.

With respect to the 98 sites visited in the Fourth Quarter of 2001, samples were obtained at 63 of the sites. Thirty-four sites were totally dry. Ten sites provided only partial samples due to insufficient water. Six of the sampled sites were selected for the collection of field Real/Duplicate samples. Field Rinsate (or Field Blank) samples were collected at six sites. On a per well basis overall frequency for field QC sampling is being maintained at 1 in 20 sites (5%) over the course of this quarter's sampling program. Duplicates were collected at a ratio of 1 in 10.5 (9.5%) and rinsates were also collected at a ratio of 1 in 10.5 (9.5%, Table 7-1). Fourth Quarter field QC data for the analytical groups are discussed in Sections 7.1 to 7.5.

### Precision:

The precision of a measurement is an expression of the mutual agreement between duplicate measurements of the same property taken under similar conditions. Precision can be expressed quantitatively by the relative percent difference (RPD) between real and duplicate field samples for Metals, Volatile Organic Compounds, Polychlorinated Biphenyls and Water Quality Parameters as defined by the following equation:

$$RPD = \frac{|(S-D)|}{(S+D)/2} \times 100$$

where: S = Concentration of analyte in Real Sample  
D = Concentration of analyte in Duplicate Sample

Similarly with respect to Radionuclide analyses, the RFETS Groundwater Program uses the following "Duplicate Error Ratio" equation to express their precision.

$$DER = \frac{|S-D|}{\sqrt{[(TPU_S)^2 + (TPU_D)^2]}}$$

where TPU<sub>S</sub> = Total Propagated Uncertainty of the Sample  
 TPU<sub>D</sub> = Total Propagated Uncertainty of the Duplicate or Lab Replicate  
 S = Sample Result  
 D = Duplicate or Lab Replicate Result

Because TPU is seldom reported for radionuclides (except possibly for Tritium-H3 analyses) in the laboratory data records, 2-Sigma Error or random counting error has been substituted for TPU in the Uranium, Americium/Plutonium and Strontium calculations made for this report. TPU was not reported for Fourth Quarter Tritium analyses, so 2-Sigma Error was also substituted in DER calculations for Tritium.

Individual RPDs/DERs can be found in Table 7-2. The overall QC criterion for groundwater RPDs is ≤30%, for DERs the criterion is ≤1.96. Table 7-3 gives a summary of the Overall Precision Compliance for RPDs and DERs for the quarter.

#### Accuracy:

Accuracy is the degree of agreement for a measurement with an accepted reference or true value and is a measure of the bias in a system. The closer the measurement to the true value, the more accurate the measurement. The validation-verification process (see above) by assigning a qualifier is the principal means for evaluating the accuracy of analytical results. For this PARCC evaluation, the accuracy assessment is based on the Procedure for Evaluation of Data For Usability (RMRS, 1998). The PARCC analysis compares the actual analytical methods used to the required analytical methods and the contract required detection limits (CRDLs) for each analyte to the achieved detection limits. Table 7-4 gives the CRDLs for the various analytes. The Fourth Quarter 2001 determination of accuracy has been simplified by the presence of a complete data set derived from the SWD database. With respect to analytical results retrieved from electronic files (and 15 hand entered dissolved gasses), detection limits are readily available.

Matrix spike recoveries for Metal, VOC, PCB and WQP samples are available, where appropriate, for the Fourth Quarter (Table 7-5). Acceptable criteria for matrix spikes cover a broad range depending on the analyte, analytical method and the individual laboratory. The Groundwater Program will briefly discuss matrix spike results outside of a range of 75-125 % recovery.

Laboratory control sample recoveries for radionuclides are also available for the quarter (Table 7-6). Laboratory control samples are being evaluated if they are outside a QC range of 75-125 % recovery. According to KH-ASD, laboratories in practice will commonly accept LCS values in the range of 70-130 %. LCS percent recoveries between the 70-130 % laboratory range and the 75-125 % QC range required by the KH-ASD laboratory contracts are examined by the validators for acceptability on an analyte by analyte basis.

#### Representativeness:

The discussion of representativeness in this section is limited to an evaluation of whether analytical results for field samples are truly representative of environmental concentrations or whether they may have been influenced by the introduction of contamination during collection and handling. The

potential introduction of contamination is evaluated by examination of the analytical results for equipment rinsates (or field blanks, Table 7-7). Equipment rinsates are used to assess the efficacy of the decontamination process and possible cross-contamination between environmental samples. They are samples of volatile free "distilled" water that have been poured over or through decontaminated sampling equipment and subsequently handled in the same manner as environmental samples. Although rinsates are used specifically as indicators of cross-contamination during decontamination of equipment, they are carried through the entire sampling, shipping, and laboratory process and are consequently good indicators of potential contamination introduced during any of these steps. Because rinsate samples are judged adequate to assess introduced contamination, the groundwater program does not use trip blanks.

Other aspects of representativeness such as numbers of samples and spatial distribution are fixed in the Groundwater Integrated Monitoring Plan (DOE, 2000). As determined by the IMP, all required wells for this quarter were visited. See Figures 1A-C for reference to the spatial distribution of the samples.

#### Completeness:

A qualitative measure of completeness is the rate of successful sampling. In the Fourth Quarter 2001 except for two dissolved uranium isotope samples (wells 1386 and 1786), all samples specified in the IMP were collected unless well disposition was prohibitive (i.e. the well was dry or went dry during sampling). Table 3-1 presents a summary of sample collection and well disposition.

Table 7-8 compares the Actual Number of Samples taken in the Fourth Quarter to the IMP driven Required Number of Samples. The completeness goal of successfully sampling 90% of the locations was met in relatively minor (in terms of numbers) sampling groups: dissolved gasses, chloride, sulfide as H<sub>2</sub>S and total organic carbon. Because all required wells were visited (some more than once), and all analytical results had been received prior to the writing of this report, sampling is considered successful. The data set for the Fourth Quarter is considered complete in this sense.

Completeness as a quantitative measure of data quality may be expressed as the percentage of valid or acceptable data obtained from a measurement system. In the Fourth Quarter analytical records were either Validated or Verified. Fifteen dissolved gas (methane-ethane-ethene) are not going to be validated (s.l.). Six analyses, 2-aluminum and 4-sulfide, were rejected in validation. Where available, validation/verification data for each sample are listed in Appendix A. Table 7-9 summarizes the validation completeness based on the following formula:

$DP_u$  = Percentage of usable data points

$DP_t$  = Total number of data points

$DP_n$  = Non-usable data points

$$\text{Completeness} = DP_u = \frac{DP_t - DP_n}{DP_t} \times 100 \text{ (in percent)}$$

The completeness criterion is having  $\geq 90\%$  valid samples.

#### Comparability:

Comparability is a qualitative parameter. Consistency in the acquisition, handling, and analysis of samples is necessary for comparing results. Data developed under the groundwater program are collected using RFETS SOPs, transported using both RFETS SOPs and US-DOT shipping

regulations and analyzed using standard EPA or nationally recognized analytical methods (CLPs) to ensure comparability of results with other analyses performed in a similar manner.

During the Fourth Quarter of 2001, planned analytical methods for VOCs, Dissolved Gasses, PCBs, WQPs and Radionuclides remained consistent over the sampling period. A discussion of a Fourth Quarter 1998 change in field sampling methods for metals is given below. At the start of the Third Quarter 2001 nomenclature of the Test Method for metal analyses was changed (see section 7.1 for a discussion). This change in nomenclature will not affect the comparability of results with previous analyses. Table 7-4 lists the required methods for the various analytes. Laboratory analyses were performed according to standard CLP protocols and results should be comparable to data produced by similar methods.

At the start of the Second Quarter 2001 the technique for the analysis of Volatile Organic Compounds was changed from the EPA 524.2 Drinking Water to the EPA SW-846, 8260 (Low Level) method. The change was made because the SW-846 method requires (as EPA 524.2 does not) a pre-screening analytical run that should help laboratories determine appropriate levels of dilution when needed. The list of analytes for SW-846 includes all analytes in the EPA 524.2 list with the addition of (detection limits in  $\mu\text{g/l}$  given in parentheses) 1,1,2-trichloro-1,2,2-trifluoroethane (1), acetone (10), carbon disulfide (1), 2-butanone (10), 2-hexanone (10), and 4-methyl-2-pentanone (10). Detection limits for all remaining compounds are unchanged ( $= 1 \mu\text{g/l}$ ) including the RFETS contaminants of concern (vinyl chloride, 1,1-dichloroethene, methylene chloride, carbon tetrachloride, cis-1,2-dichloroethene, chloroform, 1,1,1-trichloroethane, trichloroethene and tetrachloroethene). Because both the EPA 524.2 and SW-846 methods use gas chromatography as the basic analytical method, and detection limits have not changed, results gathered using either method should be comparable.

In the Fourth Quarter of 1998 the sampling procedure was modified in order to enhance the quality of the samples collected and also reduce the amount of purge water generated at certain wells. This practice has continued into the Fourth Quarter of 2001.

Some wells with adequate recharge rates had dedicated bladder pumps installed. Pump equipped wells provide an opportunity for "micropurging" at the time of sampling. Micropurging has several advantages. Micropurge sample collection provides a method of minimizing increased colloid mobilization by removing water from the well at the screen interval at a rate that preserves or minimally disrupts steady-state flow conditions in the aquifer. During micropurge sampling, groundwater is discharged from the aquifer at a rate that minimizes drawdown at the well. Research indicates that colloid mobilization will not increase above steady-state conditions during low-flow discharge. Therefore, the collected sample is more likely to represent insitu groundwater chemistry. In addition, less water is needed to purge the pump system compared to purging the entire well with a bailer. Thus there is less purge water to dispose of.

The installation of bladder pumps and micropurging without sample filtration resulted in a change in analytical method for metals. Pump equipped wells are sampled and analyzed for total metals because no filter is used during sample collection. Bailed well samples are filtered and analyzed for dissolved metals.



## DISCUSSION OF ANALYTE GROUPS

### 7.1 METALS

#### Precision:

There were 168 records for duplicate samples versus 1372 real sample records in the data set for metals in the Fourth Quarter, 2001 (1 in 8.2, 12.2 %). The number of duplicate samples collected in the Quarter was adequate for data quality objectives. Of the possible 168 Relative Percent Differences (RPDs) for metals, 150 (89.3 %) were within the QC criterion of  $\leq 30\%$  for groundwater as summarized in Table 7-3 and 18 (10.7 %) were outside the criterion. Based on Relative Percent Difference calculations overall precision for metal analyses for the Fourth Quarter improved is acceptable and improved from the Third Quarter. From the 168-real/duplicate pairs in which a Relative Percent Difference (RPD) could be calculated, 82 are displayed in Table 7-2 (see Table 7-3 for criteria on which RPDs were calculated and displayed).

The 18-RPD results that do not meet the QC criterion are distributed in the following manner (number of occurrences in parentheses);

aluminum (1)	iron (2)	nickel (1)
arsenic (1)	lithium (1)	selenium (1)
cadmium (1)	manganese (2)	thallium (2)
chromium (2)	molybdenum (1)	tin (2)
copper (1)		

No metal or group of metal analytes, especially those that may be contaminants of concern, appear to dominate those RPDs that exceeded the 30% QC criterion.

Of the 18 RPD pairs not meeting the precision criterion, 10 pairs had laboratory qualifiers that were either a "U" and "B" or both "B's". This means they were non-detections (= U) or the result was above the instrument detection limit but below the CRDL (= B) indicating that small quantities of metal are being considered. Six of these same results were validated with "J/J1" or "UJ/UJ1" qualifiers indicating that the results are non-detections or estimates in some way. Nine of the 18 RPD results are from metals that are not contaminants of concern (aluminum, copper, iron, manganese, molybdenum and tin). These considerations may indicate that the precision of metal analyses is somewhat better than the RPD acceptable figure of 89% indicates.

The recommended frequency for duplicate samples is 1 in 20 (5 %) on a per sample basis. This frequency was met as stated in the first paragraph above (also Table 7-1). In the Fourth Quarter 6 of 49 sampled wells were analyzed for metals as Real/Duplicate pairs, a ratio of 1 in 8.2 (12.2 %). The ratio and percent values are the same as for the per sample calculation because there are 28 metal analytes per sample. Thus the Duplicate sampling frequency was within the requirements for the Fourth Quarter on both a per well and per sample basis.

#### Accuracy:

Contract-required-detection limits (CRDLs) for metals were met in all cases.

Of 1708 metal analyses for the Fourth Quarter (reals, duplicates and rinses) all except one were either validated or verified. Two analyses were rejected, in this case given "R" validations. The reasons for the rejection in both examples were:

- 1.) The magnitude of the calibration verification blank result exceeded the Required

### Detection Limit.

2.) The instrument detection limit is older than three months from the date of analysis.

99.8 % of the metal analyses from the Fourth Quarter provided usable data points with respect to validation/verification. The accuracy of metal analysis with respect to the validation process was acceptable for the Fourth Quarter.

All 497 Laboratory Control Sample (LCS) percent recoveries for metals were inside the 75-125 % validation QC criterion for the Quarter. Each batch of metal samples sent out for analysis (identified by a Report Identification Number, RIN) is represented by LCS analyses. With respect to LCS sample recoveries for metal, accuracy for the Fourth Quarter 2001 is good.

Table 7-5 gives matrix spike recoveries for metals based on the electronic information submitted with RINs collected in the Fourth Quarter. The results in Table 7-5 show that 1036 of 1050 (98.9 %) metal matrix spike and matrix spike duplicates were within the matrix spike criterion of 75-125 %. Metal matrix spike information was submitted for all RINs in which metals analyses were requested. The 14 matrix spikes outside the criteria included: 1-pair of aluminum (matrix spike and matrix spike duplicate), 2-pairs barium, 1-pair iron, 2-pairs mercury, 1-selenium and 1-strontium. The selenium and strontium analyses each had a second matrix spike analysis that was within the 75-125 % criteria. Matrix spike accuracy for metals was acceptable in the Fourth Quarter.

A change in nomenclature for metal analyses was initiated in the Second Quarter 2001. The nomenclature for the Test Method was changed from "CLP-SOW" to EPA 600. Because the actual analytical technique has not changed, just the name that is entered into the Soil-Water Database, past and future analytical results remain comparable. All metal analyses were performed using the proper contract required methods listed in Table 7-4 in the Fourth Quarter of 2001. With respect to methods, the results for the Fourth Quarter are accurate.

### Representativeness:

As mentioned in the general discussion above representativeness is an evaluation of the sampling procedure for its ability to reflect the true groundwater concentrations of contaminants. Rinsate samples are used by the Groundwater Program to determine whether there is introduced contamination from the sampling process. Note that rinsate results may also be reported as "FB" or field blanks in the data set.

There were 168 rinsate records versus 1540 real and duplicate sample records for metals from the Fourth Quarter 2001. That is a ratio of 1 in 9.2 which is within the criteria of 1 in 20 on a per record basis. Almost all (98.2 %) rinsate results were lab qualified as either "U" (non-detection) or "B" (detection was less than Contract Required Detection Limit but greater than Instrument Detection Limit). Three thallium rinse analyses (listed below) are the exception. These rinses are associated with detections in the Real and Duplicate samples collected at the same time. All three thallium rinses received UJ1 verifications because the analyte (was) detected, but <RDL, in calibration blank verification. This suggests that thallium was present in the method blank and that these results could be contaminated.

Thallium	Well	Sample Date	Result Type	Result	Units	Tier II	Lab Qual	Validation	Detect Limit	Dilution
02D0089-002.004	11891	10/5/01	TR1	5.4	µg/l	2		UJ1	2.1	1
02D0117-003.004	02291	10/11/01	TR1	4.3	µg/l	2		UJ1	2.1	1
02D0174-011.004	02500	10/23/01	TR1	5.0	µg/l	2		UJ1	2.1	1

Given the thallium detections, in general no metal contamination was introduced during sampling and/or shipping activities. With the absence of contamination introduced during sampling activities, metal analyses for the Fourth Quarter are judged to be representative of the actual well water concentrations.

Because all required sampling locations defined in the IMP were visited and all samples that could be collected were analyzed, metal analyses for the Fourth Quarter 2001 are judged to be representative with respect to spatial coverage.

#### Completeness:

Table 7-8 indicates that 85 wells were to have been sampled for metals in the Fourth Quarter 2001. Thirty-six dry wells or wells that went dry during sampling resulted in the collection of 49 actual samples, a success ratio of 57.6 %. The goal, groundwater conditions permitting, is to have greater or equal to 90 % successful sampling.

Validation/Verification completeness is summarized in Table 7-9. The validation process is complete with respect to metals all results, except for one dilution, were verified or validated. With 1705 metal results providing usable data points (99.8 %), metal analyses are considered complete with respect to validation and verification. Two results rejected in validation/verification are discussed in the Accuracy section above.

#### Comparability:

As stated in Section 2 no changes were made to analytical procedures for metals in the Fourth Quarter of 2001. The nomenclature for the analytical procedure was changed in the Second Quarter from "CLP-SOW" to EPA 600 but this did not affect the actual analytical technique. The analytical methods for metal analyses from the Fourth Quarter should be comparable to previous analyses.

## **7.2 RADIONUCLIDES**

#### Precision:

In the Fourth Quarter duplicate samples were collected for plutonium-239/240, americium-241, uranium isotopes and tritium. None were collected for strontium-89/90 (four samples) or neptunium-237 (8 samples). On a per well and per record basis (where duplicates were collected), duplicate radionuclide ratios were 1 in 5.8 (17.1 %) for plutonium and americium, 1 in 8.7 (11.5 %) for uranium and 1 in 17 (5.9 %) for tritium (Table 7-1). In total for radionuclides, there were 31 duplicate records versus 255 real records (1 in 9.2, 10.8 %) collected in the Fourth Quarter. Duplicate Error Ratios (DERs) for all 31 of the real-duplicate pairs were under the 1.96 criterion, a success ratio of 100 %. In Table 7-2 DERs for 20 real-duplicate pairs are displayed (see Table 7-3 for display criteria). The goal for DER values is to have 85% compliance. Precision with respect to being able to generate repeatable results for Fourth Quarter radionuclide data is adequate.

#### Accuracy:

Required detection limits for radionuclide analyses are given in Table 7-4. Except for 2 records, 315 real, duplicate and rinse radionuclide analyses performed in the Fourth Quarter met the contract required detection limits (99.4 %). Two americium-241 analyses did not meet detection limit criteria (see table below). Detections associated with these americium records were below Tier II Action Levels. Real-duplicate americium and plutonium samples were collected at wells 00100 and 00600. In 00100 the duplicate-americium and in 00600 the real-americium failed the detection limit criteria

but the associated americium real/duplicates did meet it. Results for both the real and duplicate americium analyses were similar in well 00100. However, in well 00600, the real americium result that failed detection limit was twice the duplicate americium that passed detection limit. The real americium result at 00600 was 0.0355 pCi/L, this was only 0.002 pCi/L from being a non-detection at a detection limit of 0.0353 pCi/L (CRDL = 0.03 pCi/L). Radionuclide results are considered accurate with respect to detection limits for the Fourth Quarter 2001.

Bottle	Well	Sample Date	Analyte	QC Type	Result	2 Sigma Error	Units	Lab Qual	Validation	Detect Limit	CRDL	Tier II
02D0292-010.007	00100	11/15/01	Americium-241	Real	0.0653	0.0267	pCi/L		V	0.0259	0.03	0.145
02D0292-011.007	00100	11/15/01	Americium-241	Dup	0.0569	0.0315	pCi/L		V	<b>0.0432</b>	0.03	0.145
02D0292-013.006	00600	11/15/01	Americium-241	Real	0.0355	0.0245	pCi/L		V	<b>0.0353</b>	0.03	0.145
02D0292-014.006	00600	11/15/01	Americium-241	Dup	0.0115	0.012	pCi/L	U	V	0.0176	0.03	0.145

All radionuclide analyses were performed using the proper contract required test methods in the Fourth Quarter of 2001 (Table 7-4). With respect to methods the results for the Fourth Quarter are accurate.

Table 7-6 gives the Laboratory Control Sample (LCS) recoveries for radionuclides collected in the Fourth Quarter. All 43 LCS recoveries for radionuclides for the Fourth Quarter are acceptable and within the 75-125 % quality control criterion (see general Accuracy discussion above). Each RIN that was shipped out has the appropriate associated LCS recovery data. Accuracy with respect to the reported LCS recoveries is good.

#### Representativeness:

There were 31 records from six rinsate locations for radionuclides collected in the Fourth Quarter (Tables 7-1 and 7-7). The 31 records give a ratio of 1 in 9.2 (10.8 %) with respect to the 285 records for real-duplicate analyses. Rinsates were collected at 1 in 8.7 (11.5 %) wells with respect to the maximum number of wells actually sampled for radionuclides (52 for uranium isotopes). The number of rinsates is adequate to fulfill the 1 in 20 criterion per record and per well for the Fourth Quarter.

Ideally, all rinsate results should be "U" laboratory qualified as non-detections. Eleven of the 31 radionuclide analyses in Table 7-7 had "J" laboratory qualifiers, indicating estimation. All radionuclide rinse analyses in Table 7-7 are below the Tier II Action Level.

All 31 radionuclide rinsate results were verified or validated as "V" or "V1". All data points are usable. There is little indication that sampling activities introduced radionuclide contamination in the Fourth Quarter of 2001. Radionuclide results for the quarter are judged representative of environmental concentrations.

In the Fourth Quarter of 2001, all required sampling locations were visited and those samples that could be collected were analyzed. No samples were lost, destroyed in transit or failed validation. Dissolved and total uranium isotope samples were due to be collected at wells 1386 and 1786, through a clerical error only total samples were collected. Radionuclide analyses for the Fourth Quarter are representative with respect to spatial coverage.

#### Completeness:

Sampling success for radionuclides (Table 7-8) was limited by the availability of water in dry or nearly dry wells except in the case of wells 1386 and 1786 (see proceeding paragraph). All wells that

required radionuclide sampling were visited at least once in the Fourth Quarter. The success ratios for the various radionuclide analytes were 50.7 % for plutonium/ameridium, 59.1 % uranium isotopes, 48.6 % tritium, 36.4 % strontium-89/90 and 42.1 % for neptunium-237. The completeness goal of 90% was not met for any radionuclide in the Fourth Quarter.

All 317 radionuclide analyses were validated or verified. All radionuclide analyses provided usable data points (Table 7-9). Radionuclide analytical data are complete with respect to validation and verification for the Fourth Quarter 2001.

#### Comparability:

No changes were made to radionuclide analytical procedures in the Fourth Quarter of 2001. Thus, the radionuclide analyses presented here are thought to be comparable to previous analyses.

### **7.3 VOLATILE ORGANIC COMPOUNDS**

#### **And DISSOLVED GASES (Methane, Ethane, Ethene)**

#### Precision:

Duplicates were collected at six of the 63 wells sampled for volatile organic compounds (VOCs) in the Fourth Quarter. There were 384 duplicate analyses versus 4032 real analyses for volatile organic compounds. The ratio for duplicate wells and sample records for the Fourth Quarter is 1 in 10.5 (9.5%). There are no duplicates associated with the 15 dissolved gas records for the Quarter.

The relative percent differences (RPDs) for 374 real-duplicate pairs (97.4 %) were within the +/-30% quality control criterion. The ten VOC-RPD pairs that did not meet the criteria are shown in Table 7-2. All ten are from one well (00100) and one set of real-duplicate pairs. Twenty-eight of the calculated RPDs are displayed in Table 7-2 based on criteria from Table 7-3. Note the presence of the tentatively identified compound chlorotrifluoroethene as one of the real-duplicate pairs from well 02500

The Relative Percent Difference goal is to have 85% of the RPDs within +/-30 %. With 97.4 % of VOC real-duplicate pairs having acceptable RPDs, VOC analyses for the Fourth Quarter of 2001 are reproducible and therefore may be considered precise.

#### Accuracy:

Contract Required Detection Limits (CRDLs) for VOCs in the Fourth Quarter are discussed below. Required detection limits for VOC and dissolved gas analyses are given in Table 7-4. In general, the CRDLs for VOCs are 1 µg/L, for the analytes; 2-butanone, 2-hexanone, 4-methyl-2-pentanone and acetone the CRDL is 10 µg/L. One laboratory performed the analyses for all 75 samples collected during the quarter.

In general detection limits for analytes in the SW-846 Method 8260 technique were met in the Fourth Quarter 2001. Most samples were analyzed at a dilution of 1x and a detection limit that was less than or equal to one. Where required these initial results (TR1/RX1) were supplemented by dilution (DL1) results run at higher dilutions and detection limits. The table below lists samples where dilutions and detection limits greater than one were reported. In most of the cases cited in the table, the presence of an analyte(s) at elevated concentration(s) necessitated the elevated dilutions and detection limits. The major analytes and their concentrations are listed in the table.

C.T. = Carbon Tetrachloride, PCE = Perchloroethene = Tetrachloroethene, TCE = Trichloroethene

Location	RIN- Event/Bottle	QC Type	Result Type	Dilution	Detection Limit	Major Analyte w/Result (µg/l)
11891	02D0089-001.002	Real	RX1	2	Varies by Analyte	C.T. = 490
00897	02D0089-003.002	Real	RX1	100	Varies by Analyte	PCE = 22000
02291	02D0117-001.002	Real	RX1	6.7	Varies by Analyte	PCE = 6800
02291	02D0117-002.002	Dup	RX1	6.7	Varies by Analyte	PCE = 6700
3687	02D0117-008.002	Real	DL1	40	Varies by Analyte	TCE = 11000
3687	02D0117-009.002	Dup	DL1	40	Varies by Analyte	TCE = 11000
15699	02D0174-006.002	Real	DL1	4	Varies by Analyte	TCE = 1400
18199	02D0216-004.002	Real	DL1	67	Varies by Analyte	C.T. = 19000
18399	02D0216-005.002	Real	DL1	200	Varies by Analyte	C.T. = 55000
18799	02D0216-006.002	Real	DL1	2.5	Varies by Analyte	C.T. = 850
18499	02D0216-007.002	Real	DL1	80	Varies by Analyte	C.T. = 24000
21098	02D0216-009.002	Real	RX1	10	Varies by Analyte	C.T. = 4300
00700	02D0292-016.002	Real	RX1	6.7	Varies by Analyte	C.T. = 3000
FD-559-561	02D0470-014.002	Real	DL1	2	Varies by Analyte	TCE = 270

There were 75 VOC samples submitted for analysis in the Fourth Quarter resulting in 4800 records being returned (not counting dilutions). The fourteen samples listed above represent 896 records in which the 1-10 µg/l CRDL was not met for a particular location. Sixty-one samples and 3904 records (81.3 %) met the detection limits. Given the necessity of using elevated dilutions and detection limits for analyzing the samples listed in the table above, the accuracy of VOC analyses with respect to detection limits is adequate for the Fourth Quarter 2001.

All VOC Laboratory Control Sample (LCS) analyses out of 116 returned results (100 %) met the 75-125 % QC criterion. All RINs submitted for analyses had LCS data reported. Accuracy with respect to VOC-LCS analyses for the Fourth Quarter is good.

Three dissolved gas LCS analyses were returned for the single RIN sent out in the Fourth Quarter. All three analyses were within the 75-125 % QC criterion. Accuracy is good with respect to dissolved gas analyses.

Table 7-5 gives the Fourth Quarter VOC and dissolved gas matrix spike results. All VOC and dissolved gas RINs had associated data. Note that the laboratory procedure is to prepare and calculate results for matrix spikes in only five or six compounds analyzed using the SW-846 method 8260 technique.

The acceptable matrix spike criterion is to have the recovery be between 75 % and 125 % (see the general Section 7.0-Accuracy discussion above). In Table 7-5 four of the six matrix spikes for dissolved gasses do not meet the 75-125 % criteria. The four are for ethane and ethene. Fortunately, the methane results are the critical records of interest with respect to the Plume Degradation evaluation for which these results these analyses are used. With respect to methane, the dissolved gas matrix spike analyses indicate little or no matrix interference.

With respect to matrix spikes for VOCs in the Fourth Quarter, of 232 available matrix spike entries, all meet the 75-125 % criterion. Results for the available matrix spikes are acceptable indicating no matrix interference for VOCs in the Fourth Quarter 2001. In general, the VOC results for the Fourth Quarter are accurate.

All VOC and dissolved gas analyses were performed using the proper contract required methods in the Fourth Quarter of 2001 (Table 7-4). With respect to methods, the results for the Fourth Quarter are accurate.

Representativeness:

There were 387 rinsate records from six wells for VOCs from the Fourth Quarter of 2001 (Table 7-7). These represent 1 in 11.5 (8.7 %) with respect to real-duplicate records and 1 in 10.5 (9.5 %) wells. The number of rinses taken in the Fourth Quarter is greater than the 1 in 20 (5%) requirement on a per record and per well basis.

No rinses for dissolved gasses were collected this quarter.

Of the 387 VOC rinsate analyses, 378 (97.6 %) were at or below detection limits and were lab qualified as non-detections ("U"). Six additional analyses were qualified as "J" indicating detections below the CRDL. All "U" and "J" rinsate values were below Tier II Action Levels. The "J" qualified results do not appear to indicate cross-contamination due to inadequate decontamination.

Three rinsates were classified as detections. Chloromethane from well 00600 was detected at a concentration below the Tier II Action Level. This result is thought to be due to laboratory contamination because the associated real and duplicate results were non-detections at a dilution and detection limit of 1. Tetrachloroethene (250 µg/L) and trichloroethene (27 µg/L) were detected in well 02291. Both compounds have Tier II Action Levels of 5 µg/L. This is apparently an example of post-sampling contamination as the associated real results were 6800 and 630 µg/L respectively (the duplicate contained similar concentrations). The field crews have been shown these results. A lecture based on this example was given to the crews emphasizing the ease with which cross-contamination can occur. The field crews have again been advised to be more careful in their post-sampling decontamination. In case cracks or scrapes in old worn equipment prevents thorough decontamination new sampling equipment has been issued.

Despite one probable case of introduced field contamination the VOC samples in general are judged representative of environmental conditions indicating little introduced contamination due to sampling.

VOC analyses for the Fourth Quarter 2001 are judged representative with respect to spatial coverage. All required sampling locations were visited and those samples that could be collected were analyzed. No samples were lost or destroyed in transit.

Completeness:

Table 7-8 shows that 98 wells were to have been sampled for VOCs in the Fourth Quarter 2001. Because of the dry conditions, only 63 VOC samples could actually be collected. That translates to a success ratio of 64.3 % for VOCs. This is below the goal of collecting 90 % of the required samples. Nevertheless sampling for VOCs in the Fourth Quarter is complete because all wells were visited as specified by the IMP.

For dissolved gasses all nine wells scheduled to be sampled provided water and therefore dissolved gas sampling is complete for the quarter.

All VOC and samples collected in the Fourth Quarter of 2001 were validated (s.l.) on the assumption that the holding time for unpreserved VOC vials is 7 days. The RFETS groundwater program uses a 14-day hold time based on recent CDPHE guidance (CDPHE, 1998). Because of the 7-day hold time criteria, sample results may have received an erroneous "J" or "J1" validation qualifier if no other factors affected the analyses.

All VOC samples (not counting dilutions) for the Fourth Quarter of 2001 were sent out to be validated or verified (Table 7-9). All analyses provided usable data points. No analyses were rejected in validation. From the standpoint of validation/verification as it pertains to completeness of the data set, Fourth Quarter VOC results are complete.

Fifteen dissolved gas analyses collected during the quarter were not validated because the analysis is performed using a task order or special contract not covered by the validation contract.

#### Comparability:

As stated above changes were made to analytical procedures in the Fourth Quarter of 2001. The analytical method used was switched from the EPA 524.2 to EPA SW-846 method 8260 in the Second Quarter. This was done in order to require pre-screening analyses which would aid the laboratories in deciding at what level to dilute a sample should dilution be necessary. Because the methods are both based on gas chromatography and detection limits are the same VOC analyses presented here are thought comparable to previous analyses.

### **7.4 WATER QUALITY PARAMETERS**

#### Precision:

In the Fourth Quarter duplicate samples were collected for the following Water-Quality-Parameter analytes (number of duplicates in parentheses): nitrate/nitrite (6), total dissolved solids (5) and total recoverable petroleum hydrocarbons (2, see note on Table 7-1). These 13 duplicates versus the 143 real samples equal a ratio of 1 in 11.0 (9.1 %) for water quality records collected during the Fourth Quarter (see Tables 7-1 and 7-8 for a more detailed summaries). The ratio for duplicate wells to real wells is 5 to 48 (1 in 9.6, 10.4 %) based on Total Dissolved Solids.

All 13 duplicate-real paired sample records could be used to generate Relative Percent Difference (RPD) values and these are displayed Table 7-2 (see Table 7-3 for the display criteria). All 13 calculated pairs are below the +/-30 Percent Quality Control criterion (100 %). In general the RPD calculations presented here indicate that WQP analyses were reproducible and therefore in the Fourth Quarter precision is good.

#### Accuracy:

Electronic data indicate that contract required detection limits (CRDLs) were met for most WQP analyses. For 170 real, duplicate and rinse analyses for water quality parameters 92.9 % were within the required detection limits. Twelve analyses (5-chloride, 1-nitrate/nitrite, 1-sulfate, 4-sulfide and 1 total dissolved solid) did not meet the CRDL criteria. Except for the sulfide analyses, which was rejected in validation (see below), the other 8 analyses had elevated concentrations and dilution generally appears to be appropriate. WQP results for the Fourth Quarter should be accurate with respect to detection limits.

All WQP analyses were performed using the proper contract required methods in the Fourth Quarter of 2001 (Table 7-4). With respect to methods, results for the Fourth Quarter are accurate.

One hundred eighteen records for Laboratory Control Samples (LCS) for WQPs are available. LCS results are present for each type of analysis requested and for each set of samples (RINs) sent out. All LCS results were within the 75-125 % validation (s.l.) QC criterion.



Table 7-5 gives matrix spike results for WQPs for the Fourth Quarter of 2001. Seventy-three of 78 (93.4 %) matrix spikes shown in Table 7-5 are within the acceptable 75-125% recovery range (see general Accuracy discussion Section 7.0). Matrix spike analyses for two-nitrate/nitrite and one-fluoride are below 75 % recovery. Additional matrix spike runs for these analytes are within the 75-125 % criteria. Two sulfide matrix spikes, RIN-02D0216, well 18199, 23.5% and RIN-02D0264, 18399, 32.5 %, are below the criteria and did not have additional matrix spike analyses to compensate. (Results pertaining to well 18199 were rejected in validation.). In general, Water Quality Parameter analyses with respect to matrix spikes in the Fourth Quarter 2001 should be accurate. Except for the two sulfide matrix spikes, Water Quality Parameters do not appear to be affected by matrix interference.

#### Representativeness:

Rinse samples were collected for nitrate/nitrite (6), total recoverable petroleum hydrocarbons (5) and total dissolved solids (1) in the Fourth Quarter. These 12 rinsates represent a ratio of 1 in 13.2 (7.6 %) with respect to all 158 WQP real-duplicate analytical records (not counting dilutions). With respect to wells (based on 48 total dissolved sampling locations), rinsates were collected at 1 in 9.6 (10.4 %) locations. The sampling frequency for rinsates on per record and per well basis is adequate.

From Table 7-7, four total dissolved solids, two nitrate/nitrite, and one total-recoverable-petroleum hydrocarbon rinses from the Fourth Quarter were classified as non-detections ("U") by the laboratories. Two analyses for nitrate/nitrite and one for total dissolved solids were classified as "B" detections, indicating they were below the CRDL but above the IDL for the analyses. Two nitrate/nitrite analyses were classed as detections. All rinse analyses were well below Tier II Action Levels where levels are defined. (There is no Tier II Action Level defined for total dissolved solids.) Fourth Quarter rinsate analyses indicate that there was little or no introduced contamination. Fourth Quarter Water Quality Parameters are representative of environmental conditions, no introduction of contaminants due to the sampling process is indicated.

In general, WQP analyses for the Fourth Quarter 2001 are judged to be representative with respect to spatial coverage. All required sampling locations were visited and those samples that could be collected were analyzed. No samples were lost or destroyed in transit although four failed validation (see below).

#### Completeness:

Table 7-8 indicates that for Water Quality Parameters sampling completeness was highly variable due to the availability of water at the wells. Sampling success ranged from 100 % for chloride-nitrate-sulfide (three analytes collected in one bottle) and total organic carbon to 42.9 % for total recoverable petroleum hydrocarbons. Obviously, analytes with few required locations have better success rates than those with more required sampling locations. Table 7-8 also shows that all wells requiring WQP samplings were visited during the quarter. Because all wells were visited and all samples were collected when water was available, Water Quality Parameter sampling for the Fourth Quarter is complete.

Except for four sulfide analyses, 164 (97.6 %) of the Water Quality Parameter samples collected this quarter gave usable results with respect to validation/verification (Table 7-9). The four sulfides were rejected because the "Predigestion matrix spike recovery is (was) <30 %". One sulfide also had indications that it was not preserved properly in the field. In general, the water-quality-parameter data set is complete with respect to validation for the Fourth Quarter 2001.

Comparability:

As stated above no changes were made to analytical procedures in the Fourth Quarter of 2001. Thus the WQP analyses presented here are comparable to previous analyses.

**7.5 POLYCHLORINATED BIPHENYLS (PCBs)**

Samples for polychlorinated biphenyls were successfully collected at only 12 of 27 locations during the Fourth Quarter 2001 due to the availability of water (Table 7-8). All wells requiring PCB sampling were visited during the quarter. All 98 PCB results from these samples, reals, duplicates (1 set), and rinses (1 set), were non-detections. All RPDs were equal to 0 % (Table 7-2). All 22 Laboratory Control Samples submitted with the data were within the 75-125 % recovery criteria and all RINs sent out had associated LCS samples. No matrix spike analyses were run for PCBs. All analyses were verified or validated as usable data points (Table 7-9). PCB results are judged precise, accurate, representative and complete for the Fourth Quarter 2001. PCB results are included in the WQP Appendix.

**Summary Statistics For Real-Duplicate-Rinse Sampling  
Groundwater - Fourth Quarter, 2001**

Sample Types	Number of Real Wells Sampled	Number of Dup Wells Sampled	Duplicates vs Wells		Number of Rinse Wells Sampled	Rinses vs Wells		Rinses vs Real+Dup Samples			Records of Real per suite	Number of Dup Records	Number of Real+Dup Records	Rinse Records	Total Records
			Percent #Dups/#Wells (Goal ≥ 5%)	Ratio 1-Dup per #Wells (# ≤ 20 is good)		Percent #Rinses/#Wells (Goal ≥ 5%)	Ratio 1-Rinse per #Wells (# ≤ 20 is good)	Percent Rinse per Real+Dup (Goal > 5%)	Ratio 1-Rinse per #Real+#Dup (# ≤ 20 is good)						
VOCs	63	6	9.5%	10.5	6	9.5%	10.5	8.7%	11.5	64	4032	384	4416	384	4800
Dissolved Gasses	5	0			0					3	15	0	15	0	15
Metals	49	6	12.2%	8.2	6	12.2%	8.2	10.9%	9.2	28	1372	168	1540	168	1708
PCBs	12	1	8.3%	12.0	1	8.3%	12.0	7.7%	13.0	7	84	7	91	7	98
Radionuclides										-					
Pu/Am	35	6	17.1%	5.8	6	17.1%	5.8	14.6%	6.8	2	70	12	82	12	94
U-isotope	52	6	11.5%	8.7	6	11.5%	8.7	10.3%	9.7	3	156	18	174	18	192
Tritium	17	1	5.9%	17.0	1	5.9%	17.0	5.6%	18.0	1	17	1	18	1	19
<sup>137</sup> Cesium	0	0			0					1	0	0	0	0	0
<sup>90</sup> Sr/ <sup>90</sup> Strontium	4	0			0					1	4	0	4	0	4
<sup>237</sup> Neptunium	8	0			0					1	8	0	8	0	8
Radionuclides - Total	116	13	11.2%	8.9	13	11.2%	8.9	10.8%	9.2	-	255	31	286	31	317
Water Quality Parameters															
Total Cyanide	0	0			0					1	0	0	0	0	0
Chloride	5	0			0					1	5	0	5	0	5
Fluoride	9	0			0					1	9	0	9	0	9
Nitrate (sole)	5	0			0					1	5	0	5	0	5
Nitrate/Nitrite	46	6	13.0%	7.7	6	13.0%	7.7	11.5%	8.7	1	46	6	52	6	58
Sulfate	14	0			0					1	14	0	14	0	14
Sulfide as H <sub>2</sub> S	5	0			0					1	5	0	5	0	5
Total Diss. Solids	48	5	10.4%	9.6	5	10.4%	9.6	9.4%	10.6	1	48	5	53	5	58
Total Organic Carb.	5	0			0					1	5	0	5	0	5
T. Rcvr. Petroleum Hydrocarbon*	6	2	33.3%	3.0	1	16.7%	6.0	12.5%	8.0	1	6	2	8	1	9
WQP - Totals	143	13	9.1%	11.0	12	8.4%	11.9	7.7%	13.0	-	143	13	156	12	168
Overall Totals										5901	603	6504	602	7106	

\*At Location SW13494, lab required a duplicate for its own use. Thus there are two Real analyses for SW13494. One of these Reals represents a Duplicate for the purposes of this report. Both analyses were non-detections.

**Table 7-2**  
**Relative Percent Differences (RPDs) and Duplicate Error Ratios (DERs) for Groundwater**  
**Fourth Quarter, 2001**

02-RF-00920

Location	Sample Date	Analyte	Real Result	Real 2 Sigma Error	Real LabQ/ Valid	Dup Result	Dup 2 Sigma Error	Dup LabQ/ Valid	Units	Absolute Value  Real-Dup	Square Root of (25SigR)2+(25SigD)2	DER AbsVal/SqRt
<b>Radionuclides</b>												
00100	11/15/01	AMERICIUM-241	0.0653	0.0267	N	0.057	0.032	N	PCI/L	0.01	0.04	0.20
00600	11/15/01	AMERICIUM-241	0.0355	0.0245	N	0.012	0.012	U/V	PCI/L	0.02	0.03	0.88
3687	10/16/01	AMERICIUM-241	0.0077	0.0088	J/V	0.005	0.008	U/V	PCI/L	0.00	0.01	0.21
37791	12/17/01	AMERICIUM-241	0.0195	0.0157	J/V	0.038	0.023	N	PCI/L	0.02	0.03	0.66
00100	11/15/01	PLUTONIUM-239/240	0.0501	0.0262	N	0.04	0.018	N	PCI/L	0.01	0.03	0.31
02500	10/23/01	PLUTONIUM-239/240	0.0489	0.0222	N/V	0.013	0.013	U/V	PCI/L	0.04	0.03	1.39
00100	11/15/01	URANIUM-233,-234	2.3000	0.6760	N	1.92	0.559	N	PCI/L	0.38	0.88	0.43
00100	11/15/01	URANIUM-238	0.9070	0.3850	J/V	1.08	0.394	N	PCI/L	0.17	0.55	0.31
00600	11/15/01	URANIUM-233,-234	0.2880	0.2040	J/V	0.2	0.157	J/V	PCI/L	0.09	0.26	0.34
02291	10/11/01	URANIUM-233,-234	2.4900	0.5660	N	2.22	0.533	N	PCI/L	0.27	0.78	0.35
02291	10/11/01	URANIUM-235	0.1210	0.1030	U/V	0.134	0.107	J/V	PCI/L	0.01	0.15	0.09
02291	10/11/01	URANIUM-238	1.3600	0.3770	N	1.24	0.369	N	PCI/L	0.12	0.53	0.23
02500	10/23/01	URANIUM-233,-234	6.2700	1.2900	N/V	5.32	1.14	N/V	PCI/L	0.95	1.72	0.55
02500	10/23/01	URANIUM-235	0.2460	0.1750	J/V	0.279	0.188	J/V	PCI/L	0.03	0.26	0.13
02500	10/23/01	URANIUM-238	3.2600	0.7880	N/V	3.12	0.77	N/V	PCI/L	0.14	1.10	0.13
3687	10/16/01	URANIUM-233,-234	1.7500	0.4670	N	1.8	0.484	N	PCI/L	0.05	0.67	0.07
3687	10/16/01	URANIUM-238	0.9460	0.3210	J/V	0.891	0.31	J/V	PCI/L	0.05	0.45	0.12
37791	12/11/01	URANIUM-233,-234	7.3600	1.2300	N	7.34	1.25	N	PCI/L	0.02	1.75	0.01
37791	12/11/01	URANIUM-235	0.3840	0.1620	J/V	0.461	0.189	J/V	PCI/L	0.08	0.25	0.31
37791	12/11/01	URANIUM-238	5.8700	1.0100	N	5.6	0.998	N	PCI/L	0.27	1.42	0.19
Location	Sample Date	Analyte	Real Result	Real Lab Qual	Real Validation	Dup Result	Dup Lab Qual	Dup Validation	Units	Absolute Value  Real-Dup	Average (Real+Dup)/2	RPD AbsVal/AveX100
<b>Volatile Organic Compounds</b>												
00100	11/15/01	1,1,2-TRICHLOROTRIFLUOROETHANE	6.7		V1	16		V1	UG/L	9.30	11.35	81.94%
00100	11/15/01	1,1-DICHLOROETHANE	0.77	J	V1	1.3		V1	UG/L	0.53	1.04	51.21%
00100	11/15/01	1,4-DICHLOROBENZENE	0.38	J	J1	1	U	UJ1	UG/L	0.620	0.690	89.86%
00100	11/15/01	CARBON TETRACHLORIDE	2.4		V1	5.7		V1	UG/L	3.30	4.05	81.48%
00100	11/15/01	CHLOROFORM	3.1		V1	5.2		V1	UG/L	2.10	4.15	50.60%
00100	11/15/01	cis-1,2-DICHLOROETHENE	3.8		V1	6.7		V1	UG/L	2.90	5.25	55.24%
00100	11/15/01	DICHLORODIFLUOROMETHANE	40		V1	89		V1	UG/L	49.00	64.50	75.97%
00100	11/15/01	METHYLENE CHLORIDE	2.4		V1	1	U	V1	UG/L	1.40	1.70	82.35%
00100	11/15/01	TETRACHLOROETHENE	1.4		V1	3.5		V1	UG/L	2.10	2.45	85.71%
00100	11/15/01	TRICHLOROETHENE	24		V1	55		V1	UG/L	31.00	39.50	78.48%
02291	10/11/01	1,1,1,2-TETRACHLOROETHANE	1.6	J	V1	6.7	U	V1	UG/L	5.10	4.15	122.89%
02291	10/11/01	1,1,1-TRICHLOROETHANE	1.9	J	V1	1.9	J	V1	UG/L	0.00	1.90	0.00%
02291	10/11/01	1,1-DICHLOROETHANE	1.8	J	V1	1.7	J	V1	UG/L	0.10	1.75	5.71%
02291	10/11/01	1,1-DICHLOROETHENE	4.2	J	V1	4.3	J	V1	UG/L	0.10	4.25	2.35%
02291	10/11/01	CHLOROFORM	3	J	V1	2.8	J	V1	UG/L	0.20	2.90	6.90%
02291	10/11/01	cis-1,2-DICHLOROETHENE	21		V1	20		V1	UG/L	1.00	20.50	4.88%
02291	10/11/01	TETRACHLOROETHENE	6800		V1	6700		V1	UG/L	100.00	6750.00	1.48%
02291	10/11/01	TRICHLOROETHENE	630		V1	630		V1	UG/L	0.00	630.00	0.00%
02500	10/23/01	1,1,2-TRICHLOROTRIFLUOROETHANE	43		V1	48		V1	UG/L	5.00	45.50	10.99%
02500	10/23/01	CHLOROTRIFLUOROETHENE (TIC)	1.22	J	V1	1.32	J	V1	UG/L	0.10	1.27	7.87%
02500	10/23/01	TRICHLOROETHENE	19		V1	19		V1	UG/L	0.00	19.00	0.00%
3687	10/16/01	1,1,2-TRICHLOROTRIFLUOROETHANE	12	J	V1	13	J	V1	UG/L	1.00	12.50	8.00%
3687	10/16/01	1,1-DICHLOROETHENE	23	J	V1	22	J	V1	UG/L	1.00	22.50	4.44%
3687	10/16/01	CARBON TETRACHLORIDE	360		V1	370		V1	UG/L	10.00	365.00	2.74%
3687	10/16/01	CHLOROFORM	140		V1	130		V1	UG/L	10.00	135.00	7.41%
3687	10/16/01	cis-1,2-DICHLOROETHENE	28	J	V1	28	J	V1	UG/L	0.00	28.00	0.00%
3687	10/16/01	TETRACHLOROETHENE	360		V1	390		V1	UG/L	30.00	375.00	8.00%
3687	10/16/01	TRICHLOROETHENE	11000		V1	11000		V1	UG/L	0.00	11000.00	0.00%

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**Table 7-2**  
**Relative Percent Differences (RPDs) and Duplicate Error Ratios (DERs) for Groundwater**  
**Fourth Quarter, 2001**

02-RF-00920

Location	Sample Date	Analyte	Real Result	Real Lab Qual	Real Validation	Dup Result	Dup Lab Qual	Dup Validation	Units	Absolute Value (Real-Dup)	Average (Real+Dup)/2	RPD AbsVal/AveX100
<b>Dissolved and Total Metals</b>												
00100	11/15/01	BARIUM-dissolved	105		V1	104		V1	UG/L	1.00	104.50	0.96%
00100	11/15/01	CALCIUM-dissolved	85600		V1	85100		V1	UG/L	500.00	85350.00	0.59%
00100	11/15/01	CHROMIUM-dissolved	1.2	B	J1	0.26	U	J1	UG/L	0.94	0.73	128.77%
00100	11/15/01	COPPER-dissolved	1.3	B	J1	0.76	B	J1	UG/L	0.54	1.03	52.43%
00100	11/15/01	LITHIUM-dissolved	8.9	B	V1	12.3	B	V1	UG/L	3.40	10.60	32.08%
00100	11/15/01	MAGNESIUM-dissolved	12600		V1	12700		V1	UG/L	100.00	12650.00	0.79%
00100	11/15/01	MANGANESE-dissolved	77.6		V1	75.8		V1	UG/L	1.80	76.70	2.35%
00100	11/15/01	MOLYBDENUM-dissolved	1.5	B	J1	1.3	B	J1	UG/L	0.20	1.40	14.29%
00100	11/15/01	NICKEL-dissolved	11.3	B	V1	10.5	B	V1	UG/L	0.80	10.90	7.34%
00100	11/15/01	POTASSIUM-dissolved	892	B	J1	1120	B	J1	UG/L	228.00	1006.00	22.66%
00100	11/15/01	SODIUM-dissolved	25400		V1	26200		V1	UG/L	800.00	25800.00	3.10%
00100	11/15/01	STRONTIUM-dissolved	382		V1	378		V1	UG/L	4.00	380.00	1.05%
00100	11/15/01	THALLIUM-dissolved	2.5	B	J1	2.9	B	J1	UG/L	0.40	2.70	14.81%
00100	11/15/01	TIN-dissolved	2.2	U	V1	3.2	B	UJ1	UG/L	1.00	2.70	37.04%
00600	11/15/01	ARSENIC-dissolved	9.6		J1	11.4		J1	UG/L	1.80	10.50	17.14%
00600	11/15/01	BARIUM-dissolved	127		V1	126		V1	UG/L	1.00	126.50	0.79%
00600	11/15/01	CALCIUM-dissolved	86200		V1	85900		V1	UG/L	300.00	86050.00	0.35%
00600	11/15/01	COBALT-dissolved	7.4	B	V1	7.7	B	V1	UG/L	0.30	7.55	3.97%
00600	11/15/01	IRON-dissolved	7080		V1	7470		V1	UG/L	390.00	7275.00	5.36%
00600	11/15/01	LITHIUM-dissolved	4.8	B	V1	4.1	U	V1	UG/L	0.70	4.45	15.73%
00600	11/15/01	MAGNESIUM-dissolved	15500		V1	15500		V1	UG/L	0.00	15500.00	0.00%
00600	11/15/01	MANGANESE-dissolved	1180		V1	1170		V1	UG/L	10.00	1175.00	0.85%
00600	11/15/01	MOLYBDENUM-dissolved	2	B	J1	1.6	B	J1	UG/L	0.40	1.80	22.22%
00600	11/15/01	NICKEL-dissolved	7.1	B	V1	7.2	B	V1	UG/L	0.10	7.15	1.40%
00600	11/15/01	SODIUM-dissolved	17200		V1	17200		V1	UG/L	0.00	17200.00	0.00%
00600	11/15/01	STRONTIUM-dissolved	409		V1	406		V1	UG/L	3.00	407.50	0.74%
00600	11/15/01	THALLIUM-dissolved	4.4		J1	2.9	B	J1	UG/L	1.50	3.65	41.10%
02291	10/11/01	BARIUM-dissolved	193		V1	191		V1	UG/L	2.00	192.00	1.04%
02291	10/11/01	CADMIUM-dissolved	0.52	B	V1	0.18	U	V1	UG/L	0.34	0.35	97.14%
02291	10/11/01	CALCIUM-dissolved	77000		V1	76200		V1	UG/L	800.00	76600.00	1.04%
02291	10/11/01	LITHIUM-dissolved	26	B	J1	25.2	B	J1	UG/L	0.80	25.60	3.13%
02291	10/11/01	MAGNESIUM-dissolved	22300		V1	21800		V1	UG/L	500.00	22050.00	2.27%
02291	10/11/01	MANGANESE-dissolved	2.5	B	UJ1	6.1	B	UJ1	UG/L	3.60	4.30	83.72%
02291	10/11/01	MERCURY-dissolved	0.023	U	V1	0.023	U	V1	UG/L	0.00	0.02	0.00%
02291	10/11/01	MOLYBDENUM-dissolved	1.4	B	UJ1	1.3	B	UJ1	UG/L	0.10	1.35	7.41%
02291	10/11/01	SELENIUM-dissolved	4		V1	2.8	B	V1	UG/L	1.20	3.40	35.29%
02291	10/11/01	SILVER-dissolved	0.29	B	UJ1	0.23	U	J1	UG/L	0.06	0.26	23.08%
02291	10/11/01	SODIUM-dissolved	21100		V1	21100		V1	UG/L	0.00	21100.00	0.00%
02291	10/11/01	STRONTIUM-dissolved	647		V1	650		V1	UG/L	3.00	648.50	0.46%
02291	10/11/01	THALLIUM-dissolved	4.6		UJ1	4.9		UJ1	UG/L	0.30	4.75	6.32%
02500	10/23/01	ALUMINUM-dissolved	302		V1	192		V1	UG/L	110.00	247.00	44.53%
02500	10/23/01	ANTIMONY-dissolved	1.4	U	J1	1.4	U	J1	UG/L	0.00	1.40	0.00%
02500	10/23/01	ARSENIC-dissolved	1.8	B	V1	2.6	B	V1	UG/L	0.80	2.20	36.36%
02500	10/23/01	BARIUM-dissolved	191		V1	189		V1	UG/L	2.00	190.00	1.05%
02500	10/23/01	CALCIUM-dissolved	144000		V1	1E+05		V1	UG/L	5000.00	146500.00	3.41%
02500	10/23/01	COPPER-dissolved	3.1		UJ1	2.9	B	UJ1	UG/L	0.20	3.00	6.67%
02500	10/23/01	IRON-dissolved	283		V1	53.6	B	UJ1	UG/L	229.40	168.30	136.30%
02500	10/23/01	MAGNESIUM-dissolved	24000		V1	24600		V1	UG/L	600.00	24300.00	2.47%
02500	10/23/01	MANGANESE-dissolved	91.6		V1	99		V1	UG/L	7.40	95.30	7.76%
02500	10/23/01	MOLYBDENUM-dissolved	3.1	B	UJ1	1.7	B	UJ1	UG/L	1.40	2.40	58.33%
02500	10/23/01	NICKEL-dissolved	4.2	B	V1	3.9	B	V1	UG/L	0.30	4.05	7.41%
02500	10/23/01	POTASSIUM-dissolved	4290	B	J1	4090	B	J1	UG/L	200.00	4190.00	4.77%

**Table 7-2**  
**Relative Percent Differences (RPDs) and Duplicate Error Ratios (DERs) for Groundwater**  
**Fourth Quarter, 2001**

02-RF-00920

Location	Sample Date	Analyte	Real Result	Real Lab Qual	Real Validation	Dup Result	Dup Lab Qual	Dup Validation	Units	Absolute Value (Real-Dup)	Average (Real+Dup)/2	RPD AbsVal/AveX100
<b>Dissolved and Total Metals (cont.)</b>												
02500	10/23/01	SODIUM-dissolved	137000		V1	1E+05		V1	UG/L	0.00	137000.00	0.00%
02500	10/23/01	STRONTIUM-dissolved	703		V1	702		V1	UG/L	1.00	702.50	0.14%
02500	10/23/01	THALLIUM-dissolved	7.4		UJ1	5		UJ1	UG/L	2.40	6.20	38.71%
02500	10/23/01	TIN-dissolved	3	B	UJ1	2.2	U	V1	UG/L	0.80	2.60	30.77%
3687	10/16/01	ALUMINUM-total	15.3	B	V1	17.5		V1	UG/L	2.20	16.40	13.41%
3687	10/16/01	BARIUM-total	243		V1	246		V1	UG/L	3.00	244.50	1.23%
3687	10/16/01	CALCIUM-total	145000		V1	1E+05		V1	UG/L	1000.00	144500.00	0.69%
3687	10/16/01	CHROMIUM-total	3.6		V1	4.9		V1	UG/L	1.30	4.25	30.59%
3687	10/16/01	COPPER-total	1.4	B	UJ1	1.6	B	UJ1	UG/L	0.20	1.50	13.33%
3687	10/16/01	IRON-total	254		V1	110		UJ1	UG/L	144.00	182.00	79.12%
3687	10/16/01	LITHIUM-total	5.3	B	J1	4.1	U	J1	UG/L	1.20	4.70	25.53%
3687	10/16/01	MAGNESIUM-total	11100		V1	11100		V1	UG/L	0.00	11100.00	0.00%
3687	10/16/01	MANGANESE-total	10.4	B	UJ1	6.8	B	UJ1	UG/L	3.60	8.60	41.86%
3687	10/16/01	MOLYBDENUM-total	1.2	B	UJ1	1.1	B	UJ1	UG/L	0.10	1.15	8.70%
3687	10/16/01	NICKEL-total	23.8		V1	17.3	B	V1	UG/L	6.50	20.55	31.63%
3687	10/16/01	SODIUM-total	11700		V1	11300		V1	UG/L	400.00	11500.00	3.48%
3687	10/16/01	STRONTIUM-total	409		V1	414		V1	UG/L	5.00	411.50	1.22%
3687	10/16/01	THALLIUM-total	3.4	B	UJ1	3.9	B	UJ1	UG/L	0.50	3.65	13.70%
37791	12/11/01	ARSENIC-dissolved	1.7	U	V1	2.2	B	UJ1	UG/L	0.50	1.95	25.64%
37791	12/11/01	BARIUM-dissolved	224		V1	222		V1	UG/L	2.00	223.00	0.90%
37791	12/11/01	CALCIUM-dissolved	86900		V1	87900		V1	UG/L	1000.00	87400.00	1.14%
37791	12/11/01	COPPER-dissolved	2.2	B	UJ1	2.1	B	UJ1	UG/L	0.10	2.15	4.65%
37791	12/11/01	LITHIUM-dissolved	27.1	B	V1	28.6	B	V1	UG/L	1.50	27.85	5.39%
37791	12/11/01	MAGNESIUM-dissolved	58400		V1	58800		V1	UG/L	400.00	58600.00	0.68%
37791	12/11/01	MANGANESE-dissolved	3.5	B	V1	3.3	B	V1	UG/L	0.20	3.40	5.88%
37791	12/11/01	MOLYBDENUM-dissolved	5	B	V1	5.4	B	V1	UG/L	0.40	5.20	7.69%
37791	12/11/01	POTASSIUM-dissolved	4160	B	J1	4370	B	J1	UG/L	210.00	4265.00	4.92%
37791	12/11/01	SODIUM-dissolved	116000		V1	1E+05		V1	UG/L	1000.00	116500.00	0.86%
37791	12/11/01	STRONTIUM-dissolved	1230		V1	1220		V1	UG/L	10.00	1225.00	0.82%
37791	12/11/01	THALLIUM-dissolved	2.1	U	J1	2.3	B	UJ1	UG/L	0.20	2.20	9.09%
<b>Polychlorinated Biphenyls (PCBs)</b>												
37791	12/12/01	AROCLOR-1016	0.5	U	V	0.5	U	V	UG/L	0.00	0.50	0.00%
37791	12/12/01	AROCLOR-1221	0.5	U	V	0.5	U	V	UG/L	0.00	0.50	0.00%
37791	12/12/01	AROCLOR-1232	0.5	U	V	0.5	U	V	UG/L	0.00	0.50	0.00%
37791	12/12/01	AROCLOR-1242	0.5	U	V	0.5	U	V	UG/L	0.00	0.50	0.00%
37791	12/12/01	AROCLOR-1248	0.5	U	V	0.5	U	V	UG/L	0.00	0.50	0.00%
37791	12/12/01	AROCLOR-1254	0.5	U	V	0.5	U	V	UG/L	0.00	0.50	0.00%
37791	12/12/01	AROCLOR-1260	0.5	U	V	0.5	U	V	UG/L	0.00	0.50	0.00%
<b>Water Quality Parameters (WQPs)</b>												
00100	11/15/01	NITRATE/NITRITE	3.4		V1	3.6		V1	MG/L	0.20	3.50	5.71%
00600	11/15/01	NITRATE/NITRITE	0.057		V1	0.058		V1	MG/L	0.00	0.06	1.74%
02291	10/11/01	NITRATE/NITRITE	5.5		V1	5.6		V1	MG/L	0.10	5.55	1.80%
02500	10/23/01	NITRATE/NITRITE	15.7		V1	15.6		V1	MG/L	0.10	15.65	0.64%
3687	10/16/01	NITRATE/NITRITE	5.4		V1	5.6		V1	MG/L	0.20	5.50	3.64%
37791	12/11/01	NITRATE/NITRITE	1.1		V1	1.1		V1	MG/L	0.00	1.10	0.00%
00100	11/15/01	TOTAL DISSOLVED SOLIDS	396		V1	414		V1	MG/L	18.00	405.00	4.44%
02291	10/11/01	TOTAL DISSOLVED SOLIDS	396		V1	400		V1	MG/L	4.00	398.00	1.01%
02500	10/23/01	TOTAL DISSOLVED SOLIDS	977		V1	974		V1	MG/L	3.00	975.50	0.31%
3687	10/16/01	TOTAL DISSOLVED SOLIDS	500		V1	490		V1	MG/L	10.00	495.00	2.02%
37791	12/12/01	TOTAL DISSOLVED SOLIDS	789		V1	786		V1	MG/L	3.00	787.50	0.38%
37791	12/12/01	PETROLEUM HCs, T. RECOVERABLE	1	U	V1	1	U	V1	MG/L	0.00	1.00	0.00%
SW13494	12/12/01	PETROLEUM HCs, T. RECOVERABLE	1	U	V1	1	U	V1	MG/L	0.00	1.00	0.00%

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**Table 7-3**  
**Summary of RPD and DER Results**  
**Groundwater - Fourth Quarter, 2001**

02-RF-00920

Analyte Group	QC Criterion for Acceptable RPD or DER Value	Original Number of Available Real/Dup Pairs	Number of Acceptable RPD/DER Calculations	Overall Precision Compliance (Goal = 85%)	Number of RPDs/DERs Shown In Table 7-1
Radionuclides	less than 1.96	31	31	100.0%	20
Organic Compounds	less than 30%	384	374	97.4%	28
Metals	less than 30%	168	150	89.3%	82
Polychlorinated Biphenyls	less than 30%	7	7	100.0%	7
Water Quality Parameters	less than 30%	13	13	100.0%	13

Based on 603 original Real-Duplicate pairs.

Calculation and Display Criteria for Table 7-2	Lab Qualifier = "U"		Lab Qualifier = "B"		Lab Qualifier = "J"	
	Meaning	Action	Meaning	Action	Meaning	Action
Radionuclides	Non-detect	If both real and dup are "U", DER is not displayed in 7-2 and value is counted as acceptable	Activity in the method blank exceeded the minimal detectable activity (MDA).	If real or dup is "B", qualified, DER is shown in 7-2	Result is estimate.	If both real and dup are "J", or if one "U" and one "J", DER is not displayed in 7-2 and value is counted as acceptable if results are less than CRDLs for both real and dup.
Organics	Non-detect	If both real and dup are "U", RPD is not displayed in 7-2 and value is counted as acceptable	Analyte in both sample and associated method blank.	If real or dup is "B", qualified, DER is shown in 7-2	Result is estimate.	If both real and dup are "J" or "JB", or if one "U" and one "J" or "JB", DER is not displayed in 7-2 and value is counted as acceptable if results are less than CRDLs for both real and dup.
Metals	Non-detect	If both real and dup are "U", RPD is not displayed in 7-2 and value is counted as acceptable	Result detected was less than contract required detection limit (CRDL) but greater than the instrument detection limit (IDL).	If real or dup is "B", qualified, DER is shown in 7-2	Result is estimate.	If both real and dup are "J", or if one "U" and one "J", DER is not displayed in 7-2 and value is counted as acceptable if results are less than CRDLs for both real and dup.
Water Quality Parameters and Polychlorinated Biphenyls (PCBs)	Non-detect	If both real and dup are "U", RPD is not displayed in 7-2 and value is counted as acceptable	Result detected was less than contract required detection limit (CRDL) but greater than the instrument detection limit (IDL).	If real or dup is "B", qualified, DER is shown in 7-2	Result is estimate.	If both real and dup are "J", or if one "U" and one "J", DER is not displayed in 7-2 and value is counted as acceptable if results are less than CRDLs for both real and dup.

Table 7-4

02-RF-00920

## Contract Required Detection Limits (CRDLs) for Groundwater Analytes

CAS #	Analyte	Required Method	RDL	Units
<b>Dissolved Gas Analyses</b>				
74-84-0	Ethane	Method 8015M (GC/FID Headsp)	Task Order	µg/L
74-85-1	Ethene	Method 8015M (GC/FID Headsp)	Task Order	µg/L
1333-74-0	Hydrogen	Method 8015M (GC/FID Headsp)	Task Order	µg/L
74-82-8	Methane	Method 8015M (GC/FID Headsp)	Task Order	µg/L
<b>Volatile Organic Compounds (SW-846 Method 8260 Low Level)</b>				
630-20-6	1,1,1,2-Tetrachloroethane	SW-846 Method 8260	1	µg/L
71-55-6	1,1,1-Trichloroethane	SW-846 Method 8260	1	µg/L
79-34-5	1,1,2,2-Tetrachloroethane	SW-846 Method 8260	1	µg/L
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	SW-846 Method 8260	1	µg/L
79-00-5	1,1,2-Trichloroethane	SW-846 Method 8260	1	µg/L
75-34-3	1,1-Dichloroethane	SW-846 Method 8260	1	µg/L
75-35-4	1,1-Dichloroethene	SW-846 Method 8260	1	µg/L
563-58-6	1,1-Dichloropropene	SW-846 Method 8260	1	µg/L
87-61-6	1,2,3-Trichlorobenzene	SW-846 Method 8260	1	µg/L
96-18-4	1,2,3-Trichloropropane	SW-846 Method 8260	1	µg/L
120-82-1	1,2,4-Trichlorobenzene	SW-846 Method 8260	1	µg/L
95-63-6	1,2,4-Trimethylbenzene	SW-846 Method 8260	1	µg/L
96-12-8	1,2-Dibromo-3-chloropropane	SW-846 Method 8260	1	µg/L
106-93-4	1,2-Dibromoethane	SW-846 Method 8260	1	µg/L
95-50-1	1,2-Dichlorobenzene	SW-846 Method 8260	1	µg/L
107-06-2	1,2-Dichloroethane	SW-846 Method 8260	1	µg/L
78-87-5	1,2-Dichloropropane	SW-846 Method 8260	1	µg/L
108-67-8	1,3,5-Trimethylbenzene	SW-846 Method 8260	1	µg/L
541-73-1	1,3-Dichlorobenzene	SW-846 Method 8260	1	µg/L
142-28-9	1,3-Dichloropropane	SW-846 Method 8260	1	µg/L
106-46-7	1,4-Dichlorobenzene	SW-846 Method 8260	1	µg/L
594-20-7	2,2-Dichloropropane	SW-846 Method 8260	1	µg/L
78-93-3	2-Butanone	SW-846 Method 8260	10	µg/L
95-49-8	2-Chlorotoluene	SW-846 Method 8260	1	µg/L
591-78-1	2-Hexanone	SW-846 Method 8260	10	µg/L
106-43-4	4-Chlorotoluene	SW-846 Method 8260	1	µg/L
108-10-1	4-Methyl-2-pentanone	SW-846 Method 8260	10	µg/L
67-64-1	Acetone	SW-846 Method 8260	10	µg/L
71-43-2	Benzene	SW-846 Method 8260	1	µg/L
108-86-1	Bromobenzene	SW-846 Method 8260	1	µg/L
74-97-5	Bromochloromethane	SW-846 Method 8260	1	µg/L
75-27-4	Bromodichloromethane	SW-846 Method 8260	1	µg/L
75-25-2	Bromoform	SW-846 Method 8260	1	µg/L
74-83-9	Bromomethane	SW-846 Method 8260	1	µg/L
75-15-0	Carbon Disulfide	SW-846 Method 8260	1	µg/L
56-23-5	Carbon Tetrachloride	SW-846 Method 8260	1	µg/L
108-90-7	Chlorobenzene	SW-846 Method 8260	1	µg/L
75-00-3	Chloroethane	SW-846 Method 8260	1	µg/L
67-66-3	Chloroform	SW-846 Method 8260	1	µg/L
74-87-3	Chloromethane	SW-846 Method 8260	1	µg/L
156-59-2	cis-1,2-Dichloroethene	SW-846 Method 8260	1	µg/L
10061-01-5	cis-1,3-Dichloropropene	SW-846 Method 8260	1	µg/L
124-48-1	Dibromochloromethane	SW-846 Method 8260	1	µg/L
74-95-3	Dibromomethane	SW-846 Method 8260	1	µg/L
75-71-8	Dichlorodifluoromethane	SW-846 Method 8260	1	µg/L
100-41-4	Ethylbenzene	SW-846 Method 8260	1	µg/L
87-68-3	Hexachlorobutadiene	SW-846 Method 8260	1	µg/L
98-82-8	Isopropylbenzene	SW-846 Method 8260	1	µg/L
75-09-2	Methylene Chloride	SW-846 Method 8260	1	µg/L
91-20-3	Naphthalene	SW-846 Method 8260	1	µg/L
104-51-8	n-Butylbenzene	SW-846 Method 8260	1	µg/L
103-65-1	n-Propylbenzene	SW-846 Method 8260	1	µg/L

ND = Achievable RDL Not Determined.

Task Order = Determined by individual Task Order for specialized analyses.



Table 7-4  
Contract Required Detection Limits (CRDLs) for Groundwater Analytes

02-RF-00920

CAS #	Analyte	Required Method	RDL	Units
<b>Volatile Organic Compounds (SW-846 Method 8260 Low Level)</b>				
99-87-6	p-Isopropyltoluene	SW-846 Method 8260	1	µg/L
135-98-8	sec-Butylbenzene	SW-846 Method 8260	1	µg/L
100-42-5	Styrene	SW-846 Method 8260	1	µg/L
98-06-6	tert-Butylbenzene	SW-846 Method 8260	1	µg/L
127-18-4	Tetrachloroethene	SW-846 Method 8260	1	µg/L
108-88-3	Toluene	SW-846 Method 8260	1	µg/L
1330-20-7	Total Xylenes	SW-846 Method 8260	1	µg/L
156-60-5	trans-1,2-Dichloroethene	SW-846 Method 8260	1	µg/L
10061-02-6	trans-1,3-Dichloropropene	SW-846 Method 8260	1	µg/L
79-01-6	Trichloroethene	SW-846 Method 8260	1	µg/L
75-69-4	Trichlorofluoromethane	SW-846 Method 8260	1	µg/L
75-01-4	Vinyl chloride	SW-846 Method 8260	1	µg/L
CAS #	Analyte	Required Method	RDL	Units
<b>PCB/Pesticides</b>				
12674-11-2	Aroclor-1016	SW-846 Method 8082	0.50	µg/L
11104-28-2	Aroclor-1221	SW-846 Method 8082	0.50	µg/L
11141-16-5	Aroclor-1232	SW-846 Method 8082	0.50	µg/L
53469-21-9	Aroclor-1242	SW-846 Method 8082	0.50	µg/L
12672-29-6	Aroclor-1248	SW-846 Method 8082	0.50	µg/L
11097-69-1	Aroclor-1254	SW-846 Method 8082	0.50	µg/L
11096-82-5	Aroclor-1260	SW-846 Method 8082	0.50	µg/L
CAS #	Analyte	Required Method	RDL	Units
<b>Dissolved and Total Metals</b>				
7429-90-5	Aluminum	EPA 600	17	µg/L
7440-36-0	Antimony	EPA 600	3	µg/L
7440-38-2	Arsenic	EPA 600	5	µg/L
7440-39-3	Barium	EPA 600	100	µg/L
7440-41-7	Beryllium	EPA 600	1	µg/L
7440-43-9	Cadmium	EPA 600	1	µg/L
7440-70-2	Calcium	EPA 600	5000	µg/L
7440-47-3	Chromium	EPA 600	2	µg/L
7440-48-4	Cobalt	EPA 600	50	µg/L
7440-50-8	Copper	EPA 600	3	µg/L
7439-89-6	Iron	EPA 600	100	µg/L
7439-92-1	Lead	EPA 600	2	µg/L
7439-93-2	Lithium	EPA 600	100	µg/L
7439-95-4	Magnesium	EPA 600	5000	µg/L
7439-96-5	Manganese	EPA 600	15	µg/L
7439-97-6	Mercury	EPA 600	0.1	µg/L
7439-98-7	Molybdenum	EPA 600	30	µg/L
7440-02-0	Nickel	EPA 600	20	µg/L
7440-09-7	Potassium	EPA 600	5000	µg/L
7782-49-2	Selenium	EPA 600	3	µg/L
7440-22-4	Silver	EPA 600	1	µg/L
7440-23-5	Sodium	EPA 600	5000	µg/L
7440-24-6	Strontium	EPA 600	200	µg/L
7440-28-0	Thallium	EPA 600	4	µg/L
7440-31-5	Tin	EPA 600	200	µg/L
7440-61-1	Uranium	EPA 600	No Value	µg/L
7440-62-2	Vanadium	EPA 600	40	µg/L
7440-66-6	Zinc	EPA 600	20	µg/L

Table 7-4

02-RF-00920

## Contract Required Detection Limits (CRDLs) for Groundwater Analytes

CAS #	Analyte	Required Method	RDL	Units
<b>Water Quality Parameters</b>				
T-005	Alkalinity	EPA 310.1 or 310.2	10	mg/L
16887-00-6	Chloride	EPA 300.0	0.5	mg/L
10-30-0	Dissolved Organic Carbon-DOC	EPA 415.1	1.0	mg/L
16984-48-8	Fluoride	EPA 300.0	0.5	mg/L
14797-55-8	Nitrate as N	EPA 300.0	0.5	mg/L
C-005	Nitrate/Nitrite as N (Total)	EPA 353.1 or 353.2	0.05	mg/L
14808-79-8	Sulfate as $\text{SO}_4^{2-}$	EPA 375.1 or 375.2	5.0	mg/L
18496-25-8	Sulfide as S	EPA 376.1 or 376.3	0.002	mg/L
57-12-5	Total Cyanide	EPA 335.3 or 335.4	0.005	mg/L
10-33-3	Total Dissolved Solids-TDS	EPA 160.1	10.0	mg/L
11-59-6	Total Organic Carbon-TOC	EPA 415.1	1.0	mg/L
10-90-2	Total Petroleum Hydrocarbons-TPH	EPA 418.1	1	mg/L
10-32-2	Total Suspended Solids-TSS	EPA 160.2	5.0	mg/L
CAS #	Analyte	Required Method	RDL	Units
<b>Radionuclides</b>				
14596-10-2	Americium-241	Alpha Spectrometry	0.03	pCi/L
10045-97-3	Cesium-137	Gamma Spectrometry	10	pCi/L
12587-46-1	Gross Alpha	Gas Proportional Counting	2	pCi/L
12587-47-2	Gross Beta	Gas Proportional Counting	4	pCi/L
13994-20-2	Neptunium-237	Alpha Spectrometry	1	pCi/L
10-12-8	Plutonium-239/240	Alpha Spectrometry	0.03	pCi/L
11-10-9	Strontium 89/90	Gas Proportional Counting	1.0	pCi/L
10028-17-8	Tritium	Liquid Scintillation Counting	400	pCi/L
11-08-5	Uranium-233/234	Alpha Spectrometry	1.0	pCi/L
15117-96-1	Uranium-235	Alpha Spectrometry	1.0	pCi/L
	Uranium-236	Alpha Spectrometry	Task Order	pCi/L
7440-61-1	Uranium-238	Alpha Spectrometry	1.0	pCi/L

ND = Achievable RDL Not Determined.

Task Order = Determined by individual Task Order for specialized analyses.

Table 7-5  
Matrix Spike Recovery For Tritium - VOC - Metal - WQP Samples  
Groundwater - Fourth Quarter, 2002

02-RF-00920

Lab	Location	Sample Date	RIN	Bottle #	Analyte	Result Type	Result	Units	Field Filtered	Lab Qual	Detect Limit	Dilution	Lab Sample #	Lab Batch #
<b>Radionuclides - Tritium</b>														
			02D0089		TRITIUM	MS1	101	%REC			304		1200098531	116132
GEL	70193	10/11/01	02D0117	02D0117-006.008	TRITIUM	MS1	97	%REC	NO		314		1200103889	118358
GEL			02D0174		TRITIUM	MS1	100	%REC			208		1200108069	120070
			02D0216		TRITIUM	MS1	100	%REC			208		1200108069	120070
			02D0264		TRITIUM	MS1	94	%REC			209		1200113420	122198
GEL			02D0292		TRITIUM	MS1	99	%REC			201		1200120772	125112
GEL	2386	11/26/01	02D0347	02D0347-003.010	TRITIUM	MS1	95	%REC	NO		232		1200125055	126861
<b>Dissolved Gasses</b>														
SWRI	18199	10/29/01	02D0216	02D0216-004.012	METHANE	MS1	80	%REC			1	1	170288 MSD	170285
SWRI	18199	10/29/01	02D0216	02D0216-004.012	ETHENE	MS1	51	%REC			2	1	170288 MSD	170285
RI	18199	10/29/01	02D0216	02D0216-004.012	ETHANE	MS1	45	%REC			2	1	170288 MSD	170285
SWRI	18199	10/29/01	02D0216	02D0216-004.012	METHANE	MSD	70	%REC			1	1	170288 MSD	170285
SWRI	18199	10/29/01	02D0216	02D0216-004.012	ETHENE	MSD	49	%REC			2	1	170288 MSD	170285
RI	18199	10/29/01	02D0216	02D0216-004.012	ETHANE	MSD	43	%REC			2	1	170288 MSD	170285
<b>Volatile Organic Compounds (VOCs)</b>														
STLDEN			02D0089		1,1-DICHLOROETHENE	MS2	93	%REC				1	D1J110178-002S	1291434
LDEN			02D0089		1,1-DICHLOROETHENE	MS1	77	%REC				1	D1J110120-001S	1289340
LDEN	22796	10/9/01	02D0089	02D0089-005.002	1,1-DICHLOROETHENE	MS1	95	%REC	NO			2	D1J110326-005S	1290359
STLDEN			02D0089		1,1-DICHLOROETHENE	MD2	98	%REC				1	D1J110178-002D	1291434
STLDEN			02D0089		1,1-DICHLOROETHENE	MD1	80	%REC				1	D1J110120-001D	1289340
LDEN	22796	10/9/01	02D0089	02D0089-005.002	1,1-DICHLOROETHENE	MD1	97	%REC	NO			2	D1J110326-005D	1290359
STLDEN			02D0089		BENZENE	MS2	91	%REC				1	D1J110178-002S	1291434
STLDEN			02D0089		BENZENE	MS1	102	%REC				1	D1J110120-001S	1289340
LDEN	22796	10/9/01	02D0089	02D0089-005.002	BENZENE	MS1	92	%REC	NO			2	D1J110326-005S	1290359
LDEN			02D0089		BENZENE	MD2	93	%REC				1	D1J110178-002D	1291434
STLDEN			02D0089		BENZENE	MD1	103	%REC				1	D1J110120-001D	1289340
STLDEN	22796	10/9/01	02D0089	02D0089-005.002	BENZENE	MD1	94	%REC	NO			2	D1J110326-005D	1290359
LDEN			02D0089		CHLOROBENZENE	MS2	92	%REC				1	D1J110178-002S	1291434
STLDEN			02D0089		CHLOROBENZENE	MS1	104	%REC				1	D1J110120-001S	1289340
STLDEN	22796	10/9/01	02D0089	02D0089-005.002	CHLOROBENZENE	MS1	95	%REC	NO			2	D1J110326-005S	1290359
LDEN			02D0089		CHLOROBENZENE	MD2	94	%REC				1	D1J110178-002D	1291434
LDEN			02D0089		CHLOROBENZENE	MD1	104	%REC				1	D1J110120-001D	1289340
STLDEN	22796	10/9/01	02D0089	02D0089-005.002	CHLOROBENZENE	MD1	96	%REC	NO			2	D1J110326-005D	1290359
STLDEN			02D0089		TOLUENE	MS2	91	%REC				1	D1J110178-002S	1291434
LDEN			02D0089		TOLUENE	MS1	118	%REC				1	D1J110120-001S	1289340
LDEN	22796	10/9/01	02D0089	02D0089-005.002	TOLUENE	MS1	91	%REC	NO			2	D1J110326-005S	1290359
STLDEN			02D0089		TOLUENE	MD2	92	%REC				1	D1J110178-002D	1291434
LDEN			02D0089		TOLUENE	MD1	118	%REC				1	D1J110120-001D	1289340
LDEN	22796	10/9/01	02D0089	02D0089-005.002	TOLUENE	MD1	91	%REC	NO			2	D1J110326-005D	1290359
STLDEN			02D0089		TRICHLOROETHENE	MS2	92	%REC				1	D1J110178-002S	1291434
STLDEN			02D0089		TRICHLOROETHENE	MS1	96	%REC				1	D1J110120-001S	1289340
LDEN	22796	10/9/01	02D0089	02D0089-005.002	TRICHLOROETHENE	MS1	89	%REC	NO			2	D1J110326-005S	1290359
LDEN			02D0089		TRICHLOROETHENE	MD2	95	%REC				1	D1J110178-002D	1291434
STLDEN			02D0089		TRICHLOROETHENE	MD1	100	%REC				1	D1J110120-001D	1289340
LDEN	22796	10/9/01	02D0089	02D0089-005.002	TRICHLOROETHENE	MD1	92	%REC	NO			2	D1J110326-005D	1290359
LDEN			02D0117		1,1-DICHLOROETHENE	MS3	91	%REC				20	D1J220153-002S	1302224
STLDEN			02D0117		1,1-DICHLOROETHENE	MS1	110	%REC				20	D1J130157-003S	1295426
STLDEN			02D0117		1,1-DICHLOROETHENE	MD3	90	%REC				20	D1J220153-002D	1302224
LDEN			02D0117		1,1-DICHLOROETHENE	MD1	108	%REC				20	D1J130157-003D	1295426
LDEN			02D0117		BENZENE	MS3	94	%REC				20	D1J220153-002S	1302224
STLDEN			02D0117		BENZENE	MS1	99	%REC				20	D1J130157-003S	1295426
LDEN			02D0117		BENZENE	MD3	95	%REC				20	D1J220153-002D	1302224
LDEN			02D0117		BENZENE	MD1	97	%REC				20	D1J130157-003D	1295426
STLDEN			02D0117		CHLOROBENZENE	MS3	93	%REC				20	D1J220153-002S	1302224

Table 7-5  
Matrix Spike Recovery For Tritium - VOC - Metal - WQP Samples  
Groundwater - Fourth Quarter, 2002

02-RF-00920

Lab	Location	Sample Date	RIN	Bottle #	Analyte	Result Type	Result	Units	Field Filtered	Lab Qual	Detect Limit	Dilution	Lab Sample #	Lab Batch #
STLDEN			02D0117		CHLOROBENZENE	MS1	97	%REC				20	D1J130157-003S	1295426
STLDEN			02D0117		CHLOROBENZENE	MD3	85	%REC				20	D1J220153-002D	1302224
STLDEN			02D0117		CHLOROBENZENE	MD1	97	%REC				20	D1J130157-003D	1295426
STLDEN			02D0117		TOLUENE	MS3	88	%REC				20	D1J220153-002S	1302224
STLDEN			02D0117		TOLUENE	MS1	98	%REC				20	D1J130157-003S	1295426
STLDEN			02D0117		TOLUENE	MD3	82	%REC				20	D1J220153-002D	1302224
STLDEN			02D0117		TOLUENE	MD1	99	%REC				20	D1J130157-003D	1295426
STLDEN			02D0117		TRICHLOROETHENE	MS3	95	%REC				20	D1J220153-002S	1302224
STLDEN			02D0117		TRICHLOROETHENE	MS2	92	%REC				1	D1J200182-038S	1297426
STLDEN			02D0117		TRICHLOROETHENE	MS1	102	%REC				20	D1J130157-003S	1295426
STLDEN			02D0117		TRICHLOROETHENE	MD3	90	%REC				20	D1J220153-002D	1302224
STLDEN			02D0117		TRICHLOROETHENE	MD2	89	%REC				1	D1J200182-038D	1297426
STLDEN			02D0117		TRICHLOROETHENE	MD1	99	%REC				20	D1J130157-003D	1295426
STLDEN			02D0174		1,1-DICHLOROETHENE	MS2	103	%REC				1	D1J270145-010S	1307147
STLDEN			02D0174		1,1-DICHLOROETHENE	MS1	91	%REC				20	D1J220153-002S	1302224
STLDEN			02D0174		1,1-DICHLOROETHENE	MD2	104	%REC				1	D1J270145-010D	1307147
STLDEN			02D0174		1,1-DICHLOROETHENE	MD1	90	%REC				20	D1J220153-002D	1302224
STLDEN			02D0174		BENZENE	MS2	94	%REC				1	D1J270145-010S	1307147
STLDEN			02D0174		BENZENE	MS1	94	%REC				20	D1J220153-002S	1302224
STLDEN			02D0174		BENZENE	MD2	98	%REC				1	D1J270145-010D	1307147
STLDEN			02D0174		BENZENE	MD1	95	%REC				20	D1J220153-002D	1302224
STLDEN			02D0174		CHLOROBENZENE	MS2	101	%REC				1	D1J270145-010S	1307147
STLDEN			02D0174		CHLOROBENZENE	MS1	93	%REC				20	D1J220153-002S	1302224
STLDEN			02D0174		CHLOROBENZENE	MD2	101	%REC				1	D1J270145-010D	1307147
STLDEN			02D0174		CHLOROBENZENE	MD1	85	%REC				20	D1J220153-002D	1302224
STLDEN			02D0174		TOLUENE	MS2	103	%REC				1	D1J270145-010S	1307147
STLDEN			02D0174		TOLUENE	MS1	88	%REC				20	D1J220153-002S	1302224
STLDEN			02D0174		TOLUENE	MD2	103	%REC				1	D1J270145-010D	1307147
STLDEN			02D0174		TOLUENE	MD1	82	%REC				20	D1J220153-002D	1302224
STLDEN			02D0174		TRICHLOROETHENE	MS2	111	%REC				1	D1J270145-010S	1307147
STLDEN			02D0174		TRICHLOROETHENE	MS1	95	%REC				20	D1J220153-002S	1302224
STLDEN			02D0174		TRICHLOROETHENE	MD2	114	%REC				1	D1J270145-010D	1307147
STLDEN			02D0174		TRICHLOROETHENE	MD1	90	%REC				20	D1J220153-002D	1302224
STLDEN			02D0216		1,1-DICHLOROETHENE	MS2	106	%REC				10	D1J310270-001S	1312333
STLDEN			02D0216		1,1-DICHLOROETHENE	MS1	94	%REC				1	D1J270147-002S	1311276
STLDEN	21098	11/1/01	02D0216	02D0216-009.002	1,1-DICHLOROETHENE	MS1	93	%REC	NO			10	D1K010333-002S	1316477
STLDEN			02D0216		1,1-DICHLOROETHENE	MD2	101	%REC				10	D1J310270-001D	1312333
STLDEN			02D0216		1,1-DICHLOROETHENE	MD1	93	%REC				1	D1J270147-002D	1311276
STLDEN	21098	11/1/01	02D0216	02D0216-009.002	1,1-DICHLOROETHENE	MD1	101	%REC	NO			10	D1K010333-002D	1316477
STLDEN			02D0216		BENZENE	MS2	92	%REC				10	D1J310270-001S	1312333
STLDEN			02D0216		BENZENE	MS1	90	%REC				1	D1J270147-002S	1311276
STLDEN	21098	11/1/01	02D0216	02D0216-009.002	BENZENE	MS1	91	%REC	NO			10	D1K010333-002S	1316477
STLDEN			02D0216		BENZENE	MD2	91	%REC				10	D1J310270-001D	1312333
STLDEN			02D0216		BENZENE	MD1	89	%REC				1	D1J270147-002D	1311276
STLDEN	21098	11/1/01	02D0216	02D0216-009.002	BENZENE	MD1	97	%REC	NO			10	D1K010333-002D	1316477
STLDEN			02D0216		CHLOROBENZENE	MS2	104	%REC				10	D1J310270-001S	1312333
STLDEN			02D0216		CHLOROBENZENE	MS1	96	%REC				1	D1J270147-002S	1311276
STLDEN	21098	11/1/01	02D0216	02D0216-009.002	CHLOROBENZENE	MS1	89	%REC	NO			10	D1K010333-002S	1316477
STLDEN			02D0216		CHLOROBENZENE	MD2	101	%REC				10	D1J310270-001D	1312333
STLDEN			02D0216		CHLOROBENZENE	MD1	94	%REC				1	D1J270147-002D	1311276
STLDEN	21098	11/1/01	02D0216	02D0216-009.002	CHLOROBENZENE	MD1	93	%REC	NO			10	D1K010333-002D	1316477
STLDEN			02D0216		TOLUENE	MS2	102	%REC				10	D1J310270-001S	1312333
STLDEN			02D0216		TOLUENE	MS1	100	%REC				1	D1J270147-002S	1311276
STLDEN	21098	11/1/01	02D0216	02D0216-009.002	TOLUENE	MS1	91	%REC	NO			10	D1K010333-002S	1316477
STLDEN			02D0216		TOLUENE	MD2	102	%REC				10	D1J310270-001D	1312333
STLDEN			02D0216		TOLUENE	MD1	98	%REC				1	D1J270147-002D	1311276

Table 7-5  
Matrix Spike Recovery For Tritium - VOC - Metal - WQP Samples  
Groundwater - Fourth Quarter, 2002

02-RF-00920

Lab	Location	Sample Date	RIN	Bottle #	Analyte	Result Type	Result	Units	Field Filtered	Lab Qual	Detect Limit	Dilution	Lab Sample #	Lab Batch #
STLDEN	21098	11/1/01	02D0216	02D0216-009.002	TOLUENE	MD1	95	%REC	NO			10	D1K010333-002D	1316477
STLDEN			02D0216		TRICHLOROETHENE	MS2	90	%REC				10	D1J310270-001S	1312333
STLDEN			02D0216		TRICHLOROETHENE	MS1	85	%REC				1	D1J270147-002S	1311276
STLDEN	21098	11/1/01	02D0216	02D0216-009.002	TRICHLOROETHENE	MS1	92	%REC	NO			10	D1K010333-002S	1316477
STLDEN			02D0216		TRICHLOROETHENE	MD2	86	%REC				10	D1J310270-001D	1312333
STLDEN			02D0216		TRICHLOROETHENE	MD1	86	%REC				1	D1J270147-002D	1311276
STLDEN	21098	11/1/01	02D0216	02D0216-009.002	TRICHLOROETHENE	MD1	98	%REC	NO			10	D1K010333-002D	1316477
STLDEN			02D0264		1,1-DICHLOROETHENE	MS1	93	%REC				1	D1K100177-010S	1323195
STLDEN			02D0264		1,1-DICHLOROETHENE	MD1	92	%REC				1	D1K100177-010D	1323195
STLDEN			02D0264		BENZENE	MS1	90	%REC				1	D1K100177-010S	1323195
STLDEN			02D0264		BENZENE	MD1	93	%REC				1	D1K100177-010D	1323195
STLDEN			02D0264		CHLOROBENZENE	MS1	88	%REC				1	D1K100177-010S	1323195
STLDEN			02D0264		CHLOROBENZENE	MD1	89	%REC				1	D1K100177-010D	1323195
STLDEN			02D0264		TOLUENE	MS1	92	%REC				1	D1K100177-010S	1323195
STLDEN			02D0264		TOLUENE	MD1	90	%REC				1	D1K100177-010D	1323195
STLDEN			02D0264		TRICHLOROETHENE	MS1	91	%REC				1	D1K100177-010S	1323195
STLDEN			02D0264		TRICHLOROETHENE	MD1	93	%REC				1	D1K100177-010D	1323195
STLDEN			02D0292		1,1-DICHLOROETHENE	MS2	93	%REC				1	D1K100172-007S	1324405
STLDEN			02D0292		1,1-DICHLOROETHENE	MS1	102	%REC				1	D1K100160-001S	1322149
STLDEN	00700	11/14/01	02D0292	02D0292-016.002	1,1-DICHLOROETHENE	MS1	102	%REC	NO			200	D1K170186-020S	1333330
STLDEN			02D0292		1,1-DICHLOROETHENE	MD2	94	%REC				1	D1K100172-007D	1324405
STLDEN			02D0292		1,1-DICHLOROETHENE	MD1	104	%REC				1	D1K100160-001D	1322149
STLDEN	00700	11/14/01	02D0292	02D0292-016.002	1,1-DICHLOROETHENE	MD1	104	%REC	NO			200	D1K170186-020D	1333330
STLDEN			02D0292		BENZENE	MS2	101	%REC				1	D1K100172-007S	1324405
STLDEN			02D0292		BENZENE	MS1	107	%REC				1	D1K100160-001S	1322149
STLDEN	00700	11/14/01	02D0292	02D0292-016.002	BENZENE	MS1	117	%REC	NO			200	D1K170186-020S	1333330
STLDEN			02D0292		BENZENE	MD2	104	%REC				1	D1K100172-007D	1324405
STLDEN			02D0292		BENZENE	MD1	108	%REC				1	D1K100160-001D	1322149
STLDEN	00700	11/14/01	02D0292	02D0292-016.002	BENZENE	MD1	119	%REC	NO			200	D1K170186-020D	1333330
STLDEN			02D0292		CHLOROBENZENE	MS2	87	%REC				1	D1K100172-007S	1324405
STLDEN			02D0292		CHLOROBENZENE	MS1	90	%REC				1	D1K100160-001S	1322149
STLDEN	00700	11/14/01	02D0292	02D0292-016.002	CHLOROBENZENE	MS1	96	%REC	NO			200	D1K170186-020S	1333330
STLDEN			02D0292		CHLOROBENZENE	MD2	86	%REC				1	D1K100172-007D	1324405
STLDEN			02D0292		CHLOROBENZENE	MD1	89	%REC				1	D1K100160-001D	1322149
STLDEN	00700	11/14/01	02D0292	02D0292-016.002	CHLOROBENZENE	MD1	97	%REC	NO			200	D1K170186-020D	1333330
STLDEN			02D0292		TOLUENE	MS2	96	%REC				1	D1K100172-007S	1324405
STLDEN			02D0292		TOLUENE	MS1	104	%REC				1	D1K100160-001S	1322149
STLDEN	00700	11/14/01	02D0292	02D0292-016.002	TOLUENE	MS1	105	%REC	NO			200	D1K170186-020S	1333330
STLDEN			02D0292		TOLUENE	MD2	96	%REC				1	D1K100172-007D	1324405
STLDEN			02D0292		TOLUENE	MD1	105	%REC				1	D1K100160-001D	1322149
STLDEN	00700	11/14/01	02D0292	02D0292-016.002	TOLUENE	MD1	106	%REC	NO			200	D1K170186-020D	1333330
STLDEN			02D0292		TRICHLOROETHENE	MS2	104	%REC				1	D1K100172-007S	1324405
STLDEN			02D0292		TRICHLOROETHENE	MS1	113	%REC				1	D1K100160-001S	1322149
STLDEN	00700	11/14/01	02D0292	02D0292-016.002	TRICHLOROETHENE	MS1	117	%REC	NO			200	D1K170186-020S	1333330
STLDEN			02D0292		TRICHLOROETHENE	MD2	107	%REC				1	D1K100172-007D	1324405
STLDEN			02D0292		TRICHLOROETHENE	MD1	113	%REC				1	D1K100160-001D	1322149
STLDEN	00700	11/14/01	02D0292	02D0292-016.002	TRICHLOROETHENE	MD1	120	%REC	NO			200	D1K170186-020D	1333330
STLDEN			02D0347		1,1-DICHLOROETHENE	MS3	97	%REC				1	D1K290213-002S	1344472
STLDEN			02D0347		1,1-DICHLOROETHENE	MS2	96	%REC				1	D1K200187-001S	1338449
STLDEN			02D0347		1,1-DICHLOROETHENE	MS1	108	%REC				1	D1K200292-024S	1337263
STLDEN			02D0347		1,1-DICHLOROETHENE	MD3	96	%REC				1	D1K290213-002D	1344472
STLDEN			02D0347		1,1-DICHLOROETHENE	MD2	102	%REC				1	D1K200187-001D	1338449
STLDEN			02D0347		1,1-DICHLOROETHENE	MD1	115	%REC				1	D1K200292-024D	1337263
STLDEN			02D0347		BENZENE	MS3	90	%REC				1	D1K290213-002S	1344472
STLDEN			02D0347		BENZENE	MS2	98	%REC				1	D1K200187-001S	1338449
STLDEN			02D0347		BENZENE	MS1	97	%REC				1	D1K200292-024S	1337263

**Table 7-5**  
**Matrix Spike Recovery For Tritium - VOC - Metal - WQP Samples**  
**Groundwater - Fourth Quarter, 2002**

02-RF-00920

Lab	Location	Sample Date	RIN	Bottle #	Analyte	Result Type	Result	Units	Field Filtered	Lab Qual	Detect Limit	Dilution	Lab Sample #	Batch #
STLDEN			02D0347		BENZENE	MD3	92	%REC				1	D1K290213-002D	1344472
STLDEN			02D0347		BENZENE	MD2	100	%REC				1	D1K200187-001D	1338449
STLDEN			02D0347		BENZENE	MD1	98	%REC				1	D1K200292-024D	1337263
STLDEN			02D0347		CHLOROBENZENE	MS3	96	%REC				1	D1K290213-002S	1344472
STLDEN			02D0347		CHLOROBENZENE	MS2	98	%REC				1	D1K200187-001S	1338449
STLDEN			02D0347		CHLOROBENZENE	MS1	88	%REC				1	D1K200292-024S	1337263
STLDEN			02D0347		CHLOROBENZENE	MD3	94	%REC				1	D1K290213-002D	1344472
STLDEN			02D0347		CHLOROBENZENE	MD2	99	%REC				1	D1K200187-001D	1338449
STLDEN			02D0347		CHLOROBENZENE	MD1	90	%REC				1	D1K200292-024D	1337263
STLDEN			02D0347		TOLUENE	MS3	98	%REC				1	D1K290213-002S	1344472
STLDEN			02D0347		TOLUENE	MS2	103	%REC				1	D1K200187-001S	1338449
STLDEN			02D0347		TOLUENE	MS1	91	%REC				1	D1K200292-024S	1337263
STLDEN			02D0347		TOLUENE	MD3	94	%REC				1	D1K290213-002D	1344472
STLDEN			02D0347		TOLUENE	MD2	106	%REC				1	D1K200187-001D	1338449
STLDEN			02D0347		TOLUENE	MD1	90	%REC				1	D1K200292-024D	1337263
STLDEN			02D0347		TRICHLOROETHENE	MS3	97	%REC				1	D1K290213-002S	1344472
STLDEN			02D0347		TRICHLOROETHENE	MS2	93	%REC				1	D1K200187-001S	1338449
STLDEN			02D0347		TRICHLOROETHENE	MS1	98	%REC				1	D1K200292-024S	1337263
STLDEN			02D0347		TRICHLOROETHENE	MD3	92	%REC				1	D1K290213-002D	1344472
STLDEN			02D0347		TRICHLOROETHENE	MD2	96	%REC				1	D1K200187-001D	1338449
STLDEN			02D0347		TRICHLOROETHENE	MD1	95	%REC				1	D1K200292-024D	1337263
STLDEN			02D0410		1,1-DICHLOROETHENE	MS1	105	%REC				1	D1K300337-001S	1345388
STLDEN			02D0410		1,1-DICHLOROETHENE	MD1	107	%REC				1	D1K300337-001D	1345388
STLDEN			02D0410		BENZENE	MS1	96	%REC				1	D1K300337-001S	1345388
STLDEN			02D0410		BENZENE	MD1	96	%REC				1	D1K300337-001D	1345388
STLDEN			02D0410		CHLOROBENZENE	MS1	93	%REC				1	D1K300337-001S	1345388
STLDEN			02D0410		CHLOROBENZENE	MD1	92	%REC				1	D1K300337-001D	1345388
STLDEN			02D0410		TOLUENE	MS1	90	%REC				1	D1K300337-001S	1345388
STLDEN			02D0410		TOLUENE	MD1	92	%REC				1	D1K300337-001D	1345388
STLDEN			02D0410		TRICHLOROETHENE	MS1	102	%REC				1	D1K300337-001S	1345388
STLDEN			02D0410		TRICHLOROETHENE	MD1	101	%REC				1	D1K300337-001D	1345388
STLDEN	61199	12/11/01	02D0470	02D0470-008.002	1,1-DICHLOROETHENE	MS4	97	%REC	NO			5	D1L150206-014S	1360334
STLDEN			02D0470		1,1-DICHLOROETHENE	MS3	96	%REC				1	D1L130356-002S	1360334
STLDEN			02D0470		1,1-DICHLOROETHENE	MS2	96	%REC				250	D1L130352-009S	1361321
STLDEN			02D0470		1,1-DICHLOROETHENE	MS1	94	%REC				1	D1L060196-003S	1348332
STLDEN	61199	12/11/01	02D0470	02D0470-008.002	1,1-DICHLOROETHENE	MD4	97	%REC	NO			5	D1L150206-014D	1360334
STLDEN			02D0470		1,1-DICHLOROETHENE	MD3	98	%REC				1	D1L130356-002D	1360334
STLDEN			02D0470		1,1-DICHLOROETHENE	MD2	97	%REC				250	D1L130352-009D	1361321
STLDEN			02D0470		1,1-DICHLOROETHENE	MD1	85	%REC				1	D1L060196-003D	1348332
STLDEN	61199	12/11/01	02D0470	02D0470-008.002	BENZENE	MS4	94	%REC	NO			5	D1L150206-014S	1360334
STLDEN			02D0470		BENZENE	MS3	94	%REC				1	D1L130356-002S	1360334
STLDEN			02D0470		BENZENE	MS2	98	%REC				250	D1L130352-009S	1361321
STLDEN			02D0470		BENZENE	MS1	100	%REC				1	D1L060196-003S	1348332
STLDEN	61199	12/11/01	02D0470	02D0470-008.002	BENZENE	MD4	98	%REC	NO			5	D1L150206-014D	1360334
STLDEN			02D0470		BENZENE	MD3	98	%REC				1	D1L130356-002D	1360334
STLDEN			02D0470		BENZENE	MD2	98	%REC				250	D1L130352-009D	1361321
STLDEN			02D0470		BENZENE	MD1	98	%REC				1	D1L060196-003D	1348332
STLDEN	61199	12/11/01	02D0470	02D0470-008.002	CHLOROBENZENE	MS4	96	%REC	NO			5	D1L150206-014S	1360334
STLDEN			02D0470		CHLOROBENZENE	MS3	98	%REC				1	D1L130356-002S	1360334
STLDEN			02D0470		CHLOROBENZENE	MS2	101	%REC				250	D1L130352-009S	1361321
STLDEN			02D0470		CHLOROBENZENE	MS1	104	%REC				1	D1L060196-003S	1348332
STLDEN	61199	12/11/01	02D0470	02D0470-008.002	CHLOROBENZENE	MD4	102	%REC	NO			5	D1L150206-014D	1360334
STLDEN			02D0470		CHLOROBENZENE	MD3	103	%REC				1	D1L130356-002D	1360334
STLDEN			02D0470		CHLOROBENZENE	MD2	97	%REC				250	D1L130352-009D	1361321
STLDEN			02D0470		CHLOROBENZENE	MD1	96	%REC				1	D1L060196-003D	1348332
STLDEN	61199	12/11/01	02D0470	02D0470-008.002	TOLUENE	MS4	93	%REC	NO			5	D1L150206-014S	1360334

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**Table 7-5**  
**Matrix Spike Recovery For Tritium - VOC - Metal - WQP Samples**  
**Groundwater - Fourth Quarter, 2002**

02-RF-00920

Lab	Location	Sample Date	RIN	Bottle #	Analyte	Result Type	Result	Units	Field Filtered	Lab Qual	Detect Limit	Dilution	Lab Sample #	Lab Batch #
LDEN			02D0470		TOLUENE	MS3	96	%REC				1	D1L130356-002S	1360334
LDEN			02D0470		TOLUENE	MS2	103	%REC				250	D1L130352-009S	1361321
STLDEN			02D0470		TOLUENE	MS1	101	%REC				1	D1L060196-003S	1348332
STLDEN	61199	12/11/01	02D0470	02D0470-008.002	TOLUENE	MD4	95	%REC	NO			5	D1L150206-014D	1360334
LDEN			02D0470		TOLUENE	MD3	95	%REC				1	D1L130356-002D	1360334
LDEN			02D0470		TOLUENE	MD2	98	%REC				250	D1L130352-009D	1361321
STLDEN			02D0470		TOLUENE	MD1	93	%REC				1	D1L060196-003D	1348332
STLDEN	61199	12/11/01	02D0470	02D0470-008.002	TRICHLOROETHENE	MS4	94	%REC	NO			5	D1L150206-014S	1360334
LDEN			02D0470		TRICHLOROETHENE	MS3	96	%REC				1	D1L130356-002S	1360334
STLDEN			02D0470		TRICHLOROETHENE	MS2	101	%REC				250	D1L130352-009S	1361321
STLDEN			02D0470		TRICHLOROETHENE	MS1	96	%REC				1	D1L060196-003S	1348332
LDEN	61199	12/11/01	02D0470	02D0470-008.002	TRICHLOROETHENE	MD4	100	%REC	NO			5	D1L150206-014D	1360334
LDEN			02D0470		TRICHLOROETHENE	MD3	98	%REC				1	D1L130356-002D	1360334
STLDEN			02D0470		TRICHLOROETHENE	MD2	102	%REC				250	D1L130352-009D	1361321
STLDEN			02D0470		TRICHLOROETHENE	MD1	92	%REC				1	D1L060196-003D	1348332
LDEN	891COLWEL	12/17/01	02D0527	02D0527-001.002	1,1-DICHLOROETHENE	MS1	102	%REC	NO			10	D1L180286-002S	2002281
STLDEN	891COLWEL	12/17/01	02D0527	02D0527-001.002	1,1-DICHLOROETHENE	MD1	104	%REC	NO			10	D1L180286-002D	2002281
STLDEN	891COLWEL	12/17/01	02D0527	02D0527-001.002	BENZENE	MS1	95	%REC	NO			10	D1L180286-002S	2002281
LDEN	891COLWEL	12/17/01	02D0527	02D0527-001.002	BENZENE	MD1	97	%REC	NO			10	D1L180286-002D	2002281
LDEN	891COLWEL	12/17/01	02D0527	02D0527-001.002	CHLOROBENZENE	MS1	93	%REC	NO			10	D1L180286-002S	2002281
STLDEN	891COLWEL	12/17/01	02D0527	02D0527-001.002	CHLOROBENZENE	MD1	94	%REC	NO			10	D1L180286-002D	2002281
STLDEN	891COLWEL	12/17/01	02D0527	02D0527-001.002	TOLUENE	MS1	89	%REC	NO			10	D1L180286-002S	2002281
LDEN	891COLWEL	12/17/01	02D0527	02D0527-001.002	TOLUENE	MD1	90	%REC	NO			10	D1L180286-002D	2002281
STLDEN	891COLWEL	12/17/01	02D0527	02D0527-001.002	TRICHLOROETHENE	MS1	81	%REC	NO			10	D1L180286-002S	2002281
STLDEN	891COLWEL	12/17/01	02D0527	02D0527-001.002	TRICHLOROETHENE	MD1	77	%REC	NO			10	D1L180286-002D	2002281
<b>Dissolved and Total Metals</b>														
LDEN	11891	10/5/01	02D0089	02D0089-001.004	ALUMINUM	MS1	93	%REC	YES			1	D1J090223-001S	1284275
STLDEN	11891	10/5/01	02D0089	02D0089-001.004	ALUMINUM	MD1	93	%REC	YES			1	D1J090223-001D	1284275
STLDEN	00300	10/10/01	02D0089	02D0089-014.004	ALUMINUM	MS1	99	%REC	YES			1	D1J110329-006S	1303125
LDEN	00300	10/10/01	02D0089	02D0089-014.004	ALUMINUM	MD1	98	%REC	YES			1	D1J110329-006D	1303125
STLDEN	11891	10/5/01	02D0089	02D0089-001.004	ANTIMONY	MS1	96	%REC	YES			1	D1J090223-001S	1284275
STLDEN	11891	10/5/01	02D0089	02D0089-001.004	ANTIMONY	MD1	96	%REC	YES			1	D1J090223-001D	1284275
LDEN	00300	10/10/01	02D0089	02D0089-014.004	ANTIMONY	MS1	97	%REC	YES			1	D1J110329-006S	1303125
LDEN	00300	10/10/01	02D0089	02D0089-014.004	ANTIMONY	MD1	97	%REC	YES			1	D1J110329-006D	1303125
STLDEN	11891	10/5/01	02D0089	02D0089-001.004	ARSENIC	MS1	102	%REC	YES			1	D1J090223-001S	1284275
STLDEN	11891	10/5/01	02D0089	02D0089-001.004	ARSENIC	MD1	102	%REC	YES			1	D1J090223-001D	1284275
LDEN	00300	10/10/01	02D0089	02D0089-014.004	ARSENIC	MS1	102	%REC	YES			1	D1J110329-006S	1303125
STLDEN	00300	10/10/01	02D0089	02D0089-014.004	ARSENIC	MD1	101	%REC	YES			1	D1J110329-006D	1303125
STLDEN	11891	10/5/01	02D0089	02D0089-001.004	BARIIUM	MS1	96	%REC	YES			1	D1J090223-001S	1284275
LDEN	11891	10/5/01	02D0089	02D0089-001.004	BARIIUM	MD1	95	%REC	YES			1	D1J090223-001D	1284275
LDEN	00300	10/10/01	02D0089	02D0089-014.004	BARIIUM	MS1	94	%REC	YES			1	D1J110329-006S	1303125
STLDEN	00300	10/10/01	02D0089	02D0089-014.004	BARIIUM	MD1	94	%REC	YES			1	D1J110329-006D	1303125
STLDEN	11891	10/5/01	02D0089	02D0089-001.004	BERYLLIUM	MS1	96	%REC	YES			1	D1J090223-001S	1284275
LDEN	11891	10/5/01	02D0089	02D0089-001.004	BERYLLIUM	MD1	96	%REC	YES			1	D1J090223-001D	1284275
LDEN	00300	10/10/01	02D0089	02D0089-014.004	BERYLLIUM	MS1	92	%REC	YES			1	D1J110329-006S	1303125
STLDEN	00300	10/10/01	02D0089	02D0089-014.004	BERYLLIUM	MD1	91	%REC	YES			1	D1J110329-006D	1303125
LDEN	11891	10/5/01	02D0089	02D0089-001.004	CADMIUM	MS1	96	%REC	YES			1	D1J090223-001S	1284275
LDEN	11891	10/5/01	02D0089	02D0089-001.004	CADMIUM	MD1	94	%REC	YES			1	D1J090223-001D	1284275
STLDEN	00300	10/10/01	02D0089	02D0089-014.004	CADMIUM	MS1	94	%REC	YES			1	D1J110329-006S	1303125
STLDEN	00300	10/10/01	02D0089	02D0089-014.004	CADMIUM	MD1	93	%REC	YES			1	D1J110329-006D	1303125
LDEN	11891	10/5/01	02D0089	02D0089-002.004	CALCIUM	MS1	98	%REC	YES			1	D1J090223-002S	1284278
LDEN	11891	10/5/01	02D0089	02D0089-002.004	CALCIUM	MD1	98	%REC	YES			1	D1J090223-002D	1284278
STLDEN	1986	10/8/01	02D0089	02D0089-004.004	CALCIUM	MS1	101	%REC	YES			1	D1J110329-001S	1288396
LDEN	1986	10/8/01	02D0089	02D0089-004.004	CALCIUM	MD1	98	%REC	YES			1	D1J110329-001D	1288396
LDEN	11891	10/5/01	02D0089	02D0089-001.004	CHROMIUM	MS1	98	%REC	YES			1	D1J090223-001S	1284275
STLDEN	11891	10/5/01	02D0089	02D0089-001.004	CHROMIUM	MD1	99	%REC	YES			1	D1J090223-001D	1284275



**Table 7-5**  
**Matrix Spike Recovery For Tritium - VOC - Metal - WQP Samples**  
**Groundwater - Fourth Quarter, 2002**

02-RF-00920

Lab	Location	Sample Date	RIN	Bottle #	Analyte	Result Type	Result	Units	Field Filtered	Lab Qual	Detect Limit	Dilution	Lab Sample #	Lab Batch #
STLDEN	00300	10/10/01	02D0089	02D0089-014.004	CHROMIUM	MS1	95	%REC	YES			1	D1J110329-006S	1303125
STLDEN	00300	10/10/01	02D0089	02D0089-014.004	CHROMIUM	MD1	94	%REC	YES			1	D1J110329-006D	1303125
STLDEN	11891	10/5/01	02D0089	02D0089-001.004	COBALT	MS1	97	%REC	YES			1	D1J090223-001S	1284275
STLDEN	11891	10/5/01	02D0089	02D0089-001.004	COBALT	MD1	97	%REC	YES			1	D1J090223-001D	1284275
STLDEN	00300	10/10/01	02D0089	02D0089-014.004	COBALT	MS1	96	%REC	YES			1	D1J110329-006S	1303125
STLDEN	00300	10/10/01	02D0089	02D0089-014.004	COBALT	MD1	94	%REC	YES			1	D1J110329-006D	1303125
STLDEN	11891	10/5/01	02D0089	02D0089-001.004	COPPER	MS1	96	%REC	YES			1	D1J090223-001S	1284275
STLDEN	11891	10/5/01	02D0089	02D0089-001.004	COPPER	MD1	95	%REC	YES			1	D1J090223-001D	1284275
STLDEN	00300	10/10/01	02D0089	02D0089-014.004	COPPER	MS1	96	%REC	YES			1	D1J110329-006S	1303125
STLDEN	00300	10/10/01	02D0089	02D0089-014.004	COPPER	MD1	94	%REC	YES			1	D1J110329-006D	1303125
STLDEN	11891	10/5/01	02D0089	02D0089-002.004	IRON	MS1	99	%REC	YES			1	D1J090223-002S	1284278
STLDEN	11891	10/5/01	02D0089	02D0089-002.004	IRON	MD1	98	%REC	YES			1	D1J090223-002D	1284278
STLDEN	1986	10/8/01	02D0089	02D0089-004.004	IRON	MS1	103	%REC	YES			1	D1J110329-001S	1288396
STLDEN	1986	10/8/01	02D0089	02D0089-004.004	IRON	MD1	93	%REC	YES			1	D1J110329-001D	1288396
STLDEN	11891	10/5/01	02D0089	02D0089-001.004	LEAD	MS1	99	%REC	YES			1	D1J090223-001S	1284275
STLDEN	11891	10/5/01	02D0089	02D0089-001.004	LEAD	MD1	99	%REC	YES			1	D1J090223-001D	1284275
STLDEN	00300	10/10/01	02D0089	02D0089-014.004	LEAD	MS1	98	%REC	YES			1	D1J110329-006S	1303125
STLDEN	00300	10/10/01	02D0089	02D0089-014.004	LEAD	MD1	98	%REC	YES			1	D1J110329-006D	1303125
STLDEN	11891	10/5/01	02D0089	02D0089-002.004	LITHIUM	MS1	93	%REC	YES			1	D1J090223-002S	1284278
STLDEN	11891	10/5/01	02D0089	02D0089-002.004	LITHIUM	MD1	92	%REC	YES			1	D1J090223-002D	1284278
STLDEN	1986	10/8/01	02D0089	02D0089-004.004	LITHIUM	MS1	104	%REC	YES			1	D1J110329-001S	1288396
STLDEN	1986	10/8/01	02D0089	02D0089-004.004	LITHIUM	MD1	103	%REC	YES			1	D1J110329-001D	1288396
STLDEN	11891	10/5/01	02D0089	02D0089-002.004	MAGNESIUM	MS1	100	%REC	YES			1	D1J090223-002S	1284278
STLDEN	11891	10/5/01	02D0089	02D0089-002.004	MAGNESIUM	MD1	100	%REC	YES			1	D1J090223-002D	1284278
STLDEN	1986	10/8/01	02D0089	02D0089-004.004	MAGNESIUM	MS1	106	%REC	YES			1	D1J110329-001S	1288396
STLDEN	1986	10/8/01	02D0089	02D0089-004.004	MAGNESIUM	MD1	105	%REC	YES			1	D1J110329-001D	1288396
STLDEN	11891	10/5/01	02D0089	02D0089-001.004	MANGANESE	MS1	98	%REC	YES			1	D1J090223-001S	1284275
STLDEN	11891	10/5/01	02D0089	02D0089-001.004	MANGANESE	MD1	99	%REC	YES			1	D1J090223-001D	1284275
STLDEN	00300	10/10/01	02D0089	02D0089-014.004	MANGANESE	MS1	95	%REC	YES			1	D1J110329-006S	1303125
STLDEN	00300	10/10/01	02D0089	02D0089-014.004	MANGANESE	MD1	94	%REC	YES			1	D1J110329-006D	1303125
STLDEN	11891	10/5/01	02D0089	02D0089-001.004	MERCURY	MS1	96	%REC	YES			1	D1J090223-001S	1291240
STLDEN	11891	10/5/01	02D0089	02D0089-001.004	MERCURY	MD1	94	%REC	YES			1	D1J090223-001D	1291240
STLDEN	11891	10/5/01	02D0089	02D0089-001.004	MOLYBDENUM	MS1	98	%REC	YES			1	D1J090223-001S	1284278
STLDEN	11891	10/5/01	02D0089	02D0089-001.004	MOLYBDENUM	MD1	98	%REC	YES			1	D1J090223-001D	1284278
STLDEN	00300	10/10/01	02D0089	02D0089-014.004	MOLYBDENUM	MS1	95	%REC	YES			1	D1J110329-006S	1303125
STLDEN	00300	10/10/01	02D0089	02D0089-014.004	MOLYBDENUM	MD1	94	%REC	YES			1	D1J110329-006D	1303125
STLDEN	11891	10/5/01	02D0089	02D0089-001.004	NICKEL	MS1	94	%REC	YES			1	D1J090223-001S	1284275
STLDEN	11891	10/5/01	02D0089	02D0089-001.004	NICKEL	MD1	94	%REC	YES			1	D1J090223-001D	1284275
STLDEN	00300	10/10/01	02D0089	02D0089-014.004	NICKEL	MS1	95	%REC	YES			1	D1J110329-006S	1303125
STLDEN	00300	10/10/01	02D0089	02D0089-014.004	NICKEL	MD1	94	%REC	YES			1	D1J110329-006D	1303125
STLDEN	11891	10/5/01	02D0089	02D0089-002.004	POTASSIUM	MS1	92	%REC	YES			1	D1J090223-002S	1284278
STLDEN	11891	10/5/01	02D0089	02D0089-002.004	POTASSIUM	MD1	92	%REC	YES			1	D1J090223-002D	1284278
STLDEN	1986	10/8/01	02D0089	02D0089-004.004	POTASSIUM	MS1	102	%REC	YES			1	D1J110329-001S	1288396
STLDEN	1986	10/8/01	02D0089	02D0089-004.004	POTASSIUM	MD1	101	%REC	YES			1	D1J110329-001D	1288396
STLDEN	11891	10/5/01	02D0089	02D0089-001.004	SELENIUM	MS1	105	%REC	YES			1	D1J090223-001S	1284275
STLDEN	11891	10/5/01	02D0089	02D0089-001.004	SELENIUM	MD1	102	%REC	YES			1	D1J090223-001D	1284275
STLDEN	00300	10/10/01	02D0089	02D0089-014.004	SELENIUM	MS1	107	%REC	YES			1	D1J110329-006S	1303125
STLDEN	00300	10/10/01	02D0089	02D0089-014.004	SELENIUM	MD1	106	%REC	YES			1	D1J110329-006D	1303125
STLDEN	11891	10/5/01	02D0089	02D0089-001.004	SILVER	MS1	105	%REC	YES			1	D1J090223-001S	1284275
STLDEN	11891	10/5/01	02D0089	02D0089-001.004	SILVER	MD1	106	%REC	YES			1	D1J090223-001D	1284275
STLDEN	00300	10/10/01	02D0089	02D0089-014.004	SILVER	MS1	105	%REC	YES			1	D1J110329-006S	1303125
STLDEN	00300	10/10/01	02D0089	02D0089-014.004	SILVER	MD1	104	%REC	YES			1	D1J110329-006D	1303125
STLDEN	11891	10/5/01	02D0089	02D0089-002.004	SODIUM	MS1	98	%REC	YES			1	D1J090223-002S	1284278
STLDEN	11891	10/5/01	02D0089	02D0089-002.004	SODIUM	MD1	98	%REC	YES			1	D1J090223-002D	1284278
STLDEN	1986	10/8/01	02D0089	02D0089-004.004	SODIUM	MS1	103	%REC	YES			1	D1J110329-001S	1288396
STLDEN	1986	10/8/01	02D0089	02D0089-004.004	SODIUM	MD1	99	%REC	YES			1	D1J110329-001D	1288396

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Table 7-5  
Matrix Spike Recovery For Tritium - VOC - Metal - WQP Samples  
Groundwater - Fourth Quarter, 2002

02-RF-00920

Lab	Location	Sample Date	RIN	Bottle #	Analyte	Result Type	Result	Units	Field Filtered	Lab Qual	Detect Limit	Dilution	Lab Sample #	Lab Batch #
STLDEN	11891	10/5/01	02D0089	02D0089-001.004	STRONTIUM	MS1	93	%REC	YES			1	D1J090223-001S	1284275
STLDEN	11891	10/5/01	02D0089	02D0089-001.004	STRONTIUM	MD1	92	%REC	YES			1	D1J090223-001D	1284275
STLDEN	00300	10/10/01	02D0089	02D0089-014.004	STRONTIUM	MS1	92	%REC	YES			1	D1J110329-006S	1303125
STLDEN	00300	10/10/01	02D0089	02D0089-014.004	STRONTIUM	MD1	92	%REC	YES			1	D1J110329-006D	1303125
STLDEN	11891	10/5/01	02D0089	02D0089-001.004	THALLIUM	MS1	93	%REC	YES			1	D1J090223-001S	1284275
STLDEN	11891	10/5/01	02D0089	02D0089-001.004	THALLIUM	MD1	93	%REC	YES			1	D1J090223-001D	1284275
STLDEN	00300	10/10/01	02D0089	02D0089-014.004	THALLIUM	MS1	96	%REC	YES			1	D1J110329-006S	1303125
STLDEN	00300	10/10/01	02D0089	02D0089-014.004	THALLIUM	MD1	96	%REC	YES			1	D1J110329-006D	1303125
STLDEN	11891	10/5/01	02D0089	02D0089-001.004	TIN	MS1	97	%REC	YES			1	D1J090223-001S	1284275
STLDEN	11891	10/5/01	02D0089	02D0089-001.004	TIN	MD1	98	%REC	YES			1	D1J090223-001D	1284275
STLDEN	00300	10/10/01	02D0089	02D0089-014.004	TIN	MS1	97	%REC	YES			1	D1J110329-006S	1303125
STLDEN	00300	10/10/01	02D0089	02D0089-014.004	TIN	MD1	96	%REC	YES			1	D1J110329-006D	1303125
STLDEN	11891	10/5/01	02D0089	02D0089-001.004	URANIUM, TOTAL	MS1	101	%REC	YES			1	D1J090223-001S	1284275
STLDEN	11891	10/5/01	02D0089	02D0089-001.004	URANIUM, TOTAL	MD1	100	%REC	YES			1	D1J090223-001D	1284275
STLDEN	00300	10/10/01	02D0089	02D0089-014.004	URANIUM, TOTAL	MS1	101	%REC	YES			1	D1J110329-006S	1303125
STLDEN	00300	10/10/01	02D0089	02D0089-014.004	URANIUM, TOTAL	MD1	101	%REC	YES			1	D1J110329-006D	1303125
STLDEN	11891	10/5/01	02D0089	02D0089-001.004	VANADIUM	MS1	102	%REC	YES			1	D1J090223-001S	1284275
STLDEN	11891	10/5/01	02D0089	02D0089-001.004	VANADIUM	MD1	103	%REC	YES			1	D1J090223-001D	1284275
STLDEN	00300	10/10/01	02D0089	02D0089-014.004	VANADIUM	MS1	97	%REC	YES			1	D1J110329-006S	1303125
STLDEN	00300	10/10/01	02D0089	02D0089-014.004	VANADIUM	MD1	96	%REC	YES			1	D1J110329-006D	1303125
STLDEN	11891	10/5/01	02D0089	02D0089-001.004	ZINC	MS1	97	%REC	YES			1	D1J090223-001S	1284275
STLDEN	11891	10/5/01	02D0089	02D0089-001.004	ZINC	MD1	98	%REC	YES			1	D1J090223-001D	1284275
STLDEN	00300	10/10/01	02D0089	02D0089-014.004	ZINC	MS1	93	%REC	YES			1	D1J110329-006S	1303125
STLDEN	00300	10/10/01	02D0089	02D0089-014.004	ZINC	MD1	92	%REC	YES			1	D1J110329-006D	1303125
STLDEN	02291	10/11/01	02D0117	02D0117-002.004	ALUMINUM	MS1	95	%REC	YES			1	D1J150193-002S	1291364
STLDEN	02291	10/11/01	02D0117	02D0117-002.004	ALUMINUM	MD1	92	%REC	YES			1	D1J150193-002D	1291364
STLDEN	3687	10/16/01	02D0117	02D0117-008.004	ALUMINUM	MS1	97	%REC	NO			1	D1J210104-002S	1311169
STLDEN	3687	10/16/01	02D0117	02D0117-008.004	ALUMINUM	MD1	97	%REC	NO			1	D1J210104-002D	1311169
STLDEN	02291	10/11/01	02D0117	02D0117-002.004	ANTIMONY	MS1	99	%REC	YES			1	D1J150193-002S	1291364
STLDEN	02291	10/11/01	02D0117	02D0117-002.004	ANTIMONY	MD1	99	%REC	YES			1	D1J150193-002D	1291364
STLDEN	3687	10/16/01	02D0117	02D0117-008.004	ANTIMONY	MS1	99	%REC	NO			1	D1J210104-002S	1311169
STLDEN	3687	10/16/01	02D0117	02D0117-008.004	ANTIMONY	MD1	98	%REC	NO			1	D1J210104-002D	1311169
STLDEN	02291	10/11/01	02D0117	02D0117-002.004	ARSENIC	MS1	102	%REC	YES			1	D1J150193-002S	1291364
STLDEN	02291	10/11/01	02D0117	02D0117-002.004	ARSENIC	MD1	101	%REC	YES			1	D1J150193-002D	1291364
STLDEN	3687	10/16/01	02D0117	02D0117-008.004	ARSENIC	MS1	104	%REC	NO			1	D1J210104-002S	1311169
STLDEN	3687	10/16/01	02D0117	02D0117-008.004	ARSENIC	MD1	103	%REC	NO			1	D1J210104-002D	1311169
STLDEN	02291	10/11/01	02D0117	02D0117-002.004	BARIUM	MS1	100	%REC	YES			1	D1J150193-002S	1291364
STLDEN	02291	10/11/01	02D0117	02D0117-002.004	BARIUM	MD1	100	%REC	YES			1	D1J150193-002D	1291364
STLDEN	3687	10/16/01	02D0117	02D0117-008.004	BARIUM	MS1	98	%REC	NO			1	D1J210104-002S	1311169
STLDEN	3687	10/16/01	02D0117	02D0117-008.004	BARIUM	MD1	97	%REC	NO			1	D1J210104-002D	1311169
STLDEN	02291	10/11/01	02D0117	02D0117-002.004	BERYLLIUM	MS1	92	%REC	YES			1	D1J150193-002S	1291364
STLDEN	02291	10/11/01	02D0117	02D0117-002.004	BERYLLIUM	MD1	92	%REC	YES			1	D1J150193-002D	1291364
STLDEN	3687	10/16/01	02D0117	02D0117-008.004	BERYLLIUM	MS1	94	%REC	NO			1	D1J210104-002S	1311169
STLDEN	3687	10/16/01	02D0117	02D0117-008.004	BERYLLIUM	MD1	94	%REC	NO			1	D1J210104-002D	1311169
STLDEN	02291	10/11/01	02D0117	02D0117-002.004	CADMIUM	MS1	98	%REC	YES			1	D1J150193-002S	1291364
STLDEN	02291	10/11/01	02D0117	02D0117-002.004	CADMIUM	MD1	98	%REC	YES			1	D1J150193-002D	1291364
STLDEN	3687	10/16/01	02D0117	02D0117-008.004	CADMIUM	MS1	97	%REC	NO			1	D1J210104-002S	1311169
STLDEN	3687	10/16/01	02D0117	02D0117-008.004	CADMIUM	MD1	97	%REC	NO			1	D1J210104-002D	1311169
STLDEN	02291	10/11/01	02D0117	02D0117-001.004	CALCIUM	MS1	95	%REC	YES			1	D1J150193-001S	1291362
STLDEN	02291	10/11/01	02D0117	02D0117-001.004	CALCIUM	MD1	96	%REC	YES			1	D1J150193-001D	1291362
STLDEN	1786	10/16/01	02D0117	02D0117-007.004	CALCIUM	MS1	92	%REC	NO			1	D1J210104-001S	1296471
STLDEN	1786	10/16/01	02D0117	02D0117-007.004	CALCIUM	MD1	86	%REC	NO	N		1	D1J210104-001D	1296471
STLDEN	02291	10/11/01	02D0117	02D0117-002.004	CHROMIUM	MS1	96	%REC	YES			1	D1J150193-002S	1291364
STLDEN	02291	10/11/01	02D0117	02D0117-002.004	CHROMIUM	MD1	95	%REC	YES			1	D1J150193-002D	1291364
STLDEN	3687	10/16/01	02D0117	02D0117-008.004	CHROMIUM	MS1	98	%REC	NO			1	D1J210104-002S	1311169
STLDEN	3687	10/16/01	02D0117	02D0117-008.004	CHROMIUM	MD1	97	%REC	NO			1	D1J210104-002D	1311169

Table 7-5  
Matrix Spike Recovery For Tritium - VOC - Metal - WQP Samples  
Groundwater - Fourth Quarter, 2002

02-RF-00920

Lab	Location	Sample Date	RIN	Bottle #	Analyte	Result Type	Result	Units	Field Filtered	Lab Qual	Detect Limit	Dilution	Lab Sample #	Lab Batch #
STLDEN	02291	10/11/01	02D0117	02D0117-002.004	COBALT	MS1	94	%REC	YES			1	D1J150193-002S	1291362
STLDEN	02291	10/11/01	02D0117	02D0117-002.004	COBALT	MD1	94	%REC	YES			1	D1J150193-002D	1291362
STLDEN	3687	10/16/01	02D0117	02D0117-008.004	COBALT	MS1	97	%REC	NO			1	D1J210104-002S	1311169
STLDEN	3687	10/16/01	02D0117	02D0117-008.004	COBALT	MD1	97	%REC	NO			1	D1J210104-002D	1311169
STLDEN	02291	10/11/01	02D0117	02D0117-002.004	COPPER	MS1	98	%REC	YES			1	D1J150193-002S	1291362
STLDEN	02291	10/11/01	02D0117	02D0117-002.004	COPPER	MD1	98	%REC	YES			1	D1J150193-002D	1291362
STLDEN	3687	10/16/01	02D0117	02D0117-008.004	COPPER	MS1	99	%REC	NO			1	D1J210104-002S	1311169
STLDEN	3687	10/16/01	02D0117	02D0117-008.004	COPPER	MD1	98	%REC	NO			1	D1J210104-002D	1311169
STLDEN	02291	10/11/01	02D0117	02D0117-001.004	IRON	MS1	98	%REC	YES			1	D1J150193-001S	1291362
STLDEN	02291	10/11/01	02D0117	02D0117-001.004	IRON	MD1	98	%REC	YES			1	D1J150193-001D	1291362
STLDEN	1786	10/16/01	02D0117	02D0117-007.004	IRON	MS1	106	%REC	NO			1	D1J210104-001S	1296471
STLDEN	1786	10/16/01	02D0117	02D0117-007.004	IRON	MD1	104	%REC	NO			1	D1J210104-001D	1296471
STLDEN	02291	10/11/01	02D0117	02D0117-002.004	LEAD	MS1	98	%REC	YES			1	D1J150193-002S	1291362
STLDEN	02291	10/11/01	02D0117	02D0117-002.004	LEAD	MD1	97	%REC	YES			1	D1J150193-002D	1291362
STLDEN	3687	10/16/01	02D0117	02D0117-008.004	LEAD	MS1	100	%REC	NO			1	D1J210104-002S	1311169
STLDEN	3687	10/16/01	02D0117	02D0117-008.004	LEAD	MD1	99	%REC	NO			1	D1J210104-002D	1311169
STLDEN	02291	10/11/01	02D0117	02D0117-001.004	LITHIUM	MS1	98	%REC	YES			1	D1J150193-001S	1291362
STLDEN	02291	10/11/01	02D0117	02D0117-001.004	LITHIUM	MD1	97	%REC	YES			1	D1J150193-001D	1291362
STLDEN	1786	10/16/01	02D0117	02D0117-007.004	LITHIUM	MS1	106	%REC	NO			1	D1J210104-001S	1296471
STLDEN	1786	10/16/01	02D0117	02D0117-007.004	LITHIUM	MD1	107	%REC	NO			1	D1J210104-001D	1296471
STLDEN	02291	10/11/01	02D0117	02D0117-001.004	MAGNESIUM	MS1	101	%REC	YES			1	D1J150193-001S	1291362
STLDEN	02291	10/11/01	02D0117	02D0117-001.004	MAGNESIUM	MD1	102	%REC	YES			1	D1J150193-001D	1291362
STLDEN	1786	10/16/01	02D0117	02D0117-007.004	MAGNESIUM	MS1	105	%REC	NO			1	D1J210104-001S	1296471
STLDEN	1786	10/16/01	02D0117	02D0117-007.004	MAGNESIUM	MD1	107	%REC	NO			1	D1J210104-001D	1296471
STLDEN	02291	10/11/01	02D0117	02D0117-002.004	MANGANESE	MS1	95	%REC	YES			1	D1J150193-002S	1291362
STLDEN	02291	10/11/01	02D0117	02D0117-002.004	MANGANESE	MD1	95	%REC	YES			1	D1J150193-002D	1291362
STLDEN	3687	10/16/01	02D0117	02D0117-008.004	MANGANESE	MS1	98	%REC	NO			1	D1J210104-002S	1311169
STLDEN	3687	10/16/01	02D0117	02D0117-008.004	MANGANESE	MD1	97	%REC	NO			1	D1J210104-002D	1311169
STLDEN			02D0117		MERCURY	MS1	96	%REC				1	D1J090223-001S	1291240
STLDEN			02D0117		MERCURY	MD1	94	%REC				1	D1J090223-001D	1291240
STLDEN	1786	10/16/01	02D0117	02D0117-007.004	MERCURY	MS1	97	%REC	NO			1	D1J210104-001S	1305286
STLDEN	1786	10/16/01	02D0117	02D0117-007.004	MERCURY	MD1	98	%REC	NO			1	D1J210104-001D	1305286
STLDEN	02291	10/11/01	02D0117	02D0117-002.004	MOLYBDENUM	MS1	94	%REC	YES			1	D1J150193-002S	1291362
STLDEN	02291	10/11/01	02D0117	02D0117-002.004	MOLYBDENUM	MD1	94	%REC	YES			1	D1J150193-002D	1291362
STLDEN	3687	10/16/01	02D0117	02D0117-008.004	MOLYBDENUM	MS1	96	%REC	NO			1	D1J210104-002S	1311169
STLDEN	3687	10/16/01	02D0117	02D0117-008.004	MOLYBDENUM	MD1	96	%REC	NO			1	D1J210104-002D	1311169
STLDEN	02291	10/11/01	02D0117	02D0117-002.004	NICKEL	MS1	98	%REC	YES			1	D1J150193-002S	1291362
STLDEN	02291	10/11/01	02D0117	02D0117-002.004	NICKEL	MD1	98	%REC	YES			1	D1J150193-002D	1291362
STLDEN	3687	10/16/01	02D0117	02D0117-008.004	NICKEL	MS1	98	%REC	NO			1	D1J210104-002S	1311169
STLDEN	3687	10/16/01	02D0117	02D0117-008.004	NICKEL	MD1	97	%REC	NO			1	D1J210104-002D	1311169
STLDEN	02291	10/11/01	02D0117	02D0117-001.004	POTASSIUM	MS1	97	%REC	YES			1	D1J150193-001S	1291362
STLDEN	02291	10/11/01	02D0117	02D0117-001.004	POTASSIUM	MD1	98	%REC	YES			1	D1J150193-001D	1291362
STLDEN	1786	10/16/01	02D0117	02D0117-007.004	POTASSIUM	MS1	104	%REC	NO			1	D1J210104-001S	1296471
STLDEN	1786	10/16/01	02D0117	02D0117-007.004	POTASSIUM	MD1	104	%REC	NO			1	D1J210104-001D	1296471
STLDEN	02291	10/11/01	02D0117	02D0117-002.004	SELENIUM	MS1	105	%REC	YES			1	D1J150193-002S	1291362
STLDEN	02291	10/11/01	02D0117	02D0117-002.004	SELENIUM	MD1	105	%REC	YES			1	D1J150193-002D	1291362
STLDEN	3687	10/16/01	02D0117	02D0117-008.004	SELENIUM	MS1	103	%REC	NO			1	D1J210104-002S	1311169
STLDEN	3687	10/16/01	02D0117	02D0117-008.004	SELENIUM	MD1	102	%REC	NO			1	D1J210104-002D	1311169
STLDEN	02291	10/11/01	02D0117	02D0117-002.004	SILVER	MS1	106	%REC	YES			1	D1J150193-002S	1291362
STLDEN	02291	10/11/01	02D0117	02D0117-002.004	SILVER	MD1	105	%REC	YES			1	D1J150193-002D	1291362
STLDEN	3687	10/16/01	02D0117	02D0117-008.004	SILVER	MS1	107	%REC	NO			1	D1J210104-002S	1311169
STLDEN	3687	10/16/01	02D0117	02D0117-008.004	SILVER	MD1	106	%REC	NO			1	D1J210104-002D	1311169
STLDEN	02291	10/11/01	02D0117	02D0117-001.004	SODIUM	MS1	100	%REC	YES			1	D1J150193-001S	1291362
STLDEN	02291	10/11/01	02D0117	02D0117-001.004	SODIUM	MD1	101	%REC	YES			1	D1J150193-001D	1291362
STLDEN	1786	10/16/01	02D0117	02D0117-007.004	SODIUM	MS1	104	%REC	NO			1	D1J210104-001S	1296471
STLDEN	1786	10/16/01	02D0117	02D0117-007.004	SODIUM	MD1	108	%REC	NO			1	D1J210104-001D	1296471

Table 7-5  
Matrix Spike Recovery For Tritium - VOC - Metal - WQP Samples  
Groundwater - Fourth Quarter, 2002

02-RF-00920

Lab	Location	Sample Date	RIN	Bottle #	Analyte	Result Type	Result	Units	Field Filtered	Lab Qual	Detect Limit	Dilution	Lab Sample #	Lab Batch #
STLDEN	02291	10/11/01	02D0117	02D0117-002.004	STRONTIUM	MS1	100	%REC	YES			1	D1J150193-002S	1291364
STLDEN	02291	10/11/01	02D0117	02D0117-002.004	STRONTIUM	MD1	100	%REC	YES			1	D1J150193-002D	1291364
STLDEN	3687	10/16/01	02D0117	02D0117-008.004	STRONTIUM	MS1	96	%REC	NO			1	D1J210104-002S	1311169
STLDEN	3687	10/16/01	02D0117	02D0117-008.004	STRONTIUM	MD1	96	%REC	NO			1	D1J210104-002D	1311169
STLDEN	02291	10/11/01	02D0117	02D0117-002.004	THALLIUM	MS1	96	%REC	YES			1	D1J150193-002S	1291364
STLDEN	02291	10/11/01	02D0117	02D0117-002.004	THALLIUM	MD1	95	%REC	YES			1	D1J150193-002D	1291364
STLDEN	3687	10/16/01	02D0117	02D0117-008.004	THALLIUM	MS1	96	%REC	NO			1	D1J210104-002S	1311169
STLDEN	3687	10/16/01	02D0117	02D0117-008.004	THALLIUM	MD1	96	%REC	NO			1	D1J210104-002D	1311169
STLDEN	02291	10/11/01	02D0117	02D0117-002.004	TIN	MS1	96	%REC	YES			1	D1J150193-002S	1291364
STLDEN	02291	10/11/01	02D0117	02D0117-002.004	TIN	MD1	96	%REC	YES			1	D1J150193-002D	1291364
STLDEN	3687	10/16/01	02D0117	02D0117-008.004	TIN	MS1	98	%REC	NO			1	D1J210104-002S	1311169
STLDEN	3687	10/16/01	02D0117	02D0117-008.004	TIN	MD1	98	%REC	NO			1	D1J210104-002D	1311169
STLDEN	02291	10/11/01	02D0117	02D0117-002.004	URANIUM, TOTAL	MS1	101	%REC	YES			1	D1J150193-002S	1291364
STLDEN	02291	10/11/01	02D0117	02D0117-002.004	URANIUM, TOTAL	MD1	101	%REC	YES			1	D1J150193-002D	1291364
STLDEN	3687	10/16/01	02D0117	02D0117-008.004	URANIUM, TOTAL	MS1	103	%REC	NO			1	D1J210104-002S	1311169
STLDEN	3687	10/16/01	02D0117	02D0117-008.004	URANIUM, TOTAL	MD1	102	%REC	NO			1	D1J210104-002D	1311169
STLDEN	02291	10/11/01	02D0117	02D0117-002.004	VANADIUM	MS1	94	%REC	YES			1	D1J150193-002S	1291364
STLDEN	02291	10/11/01	02D0117	02D0117-002.004	VANADIUM	MD1	94	%REC	YES			1	D1J150193-002D	1291364
STLDEN	3687	10/16/01	02D0117	02D0117-008.004	VANADIUM	MS1	100	%REC	NO			1	D1J210104-002S	1311169
STLDEN	3687	10/16/01	02D0117	02D0117-008.004	VANADIUM	MD1	99	%REC	NO			1	D1J210104-002D	1311169
STLDEN	02291	10/11/01	02D0117	02D0117-002.004	ZINC	MS1	92	%REC	YES			1	D1J150193-002S	1291364
STLDEN	02291	10/11/01	02D0117	02D0117-002.004	ZINC	MD1	92	%REC	YES			1	D1J150193-002D	1291364
STLDEN	3687	10/16/01	02D0117	02D0117-008.004	ZINC	MS1	95	%REC	NO			1	D1J210104-002S	1311169
STLDEN	3687	10/16/01	02D0117	02D0117-008.004	ZINC	MD1	95	%REC	NO			1	D1J210104-002D	1311169
STLDEN	B208789	10/19/01	02D0174	02D0174-002.001	ALUMINUM	MS1	100	%REC	YES			1	D1J230240-002S	1298325
STLDEN	B208789	10/19/01	02D0174	02D0174-002.001	ALUMINUM	MD1	101	%REC	YES			1	D1J230240-002D	1298325
STLDEN	23296	10/23/01	02D0174	02D0174-008.004	ALUMINUM	MS1	105	%REC	NO			1	D1J260246-001S	1305336
STLDEN	23296	10/23/01	02D0174	02D0174-008.004	ALUMINUM	MD1	97	%REC	NO			1	D1J260246-001D	1305336
STLDEN	B208789	10/19/01	02D0174	02D0174-002.001	ANTIMONY	MS1	101	%REC	YES			1	D1J230240-002S	1298325
STLDEN	B208789	10/19/01	02D0174	02D0174-002.001	ANTIMONY	MD1	101	%REC	YES			1	D1J230240-002D	1298325
STLDEN	23296	10/23/01	02D0174	02D0174-008.004	ANTIMONY	MS1	104	%REC	NO			1	D1J260246-001S	1305336
STLDEN	23296	10/23/01	02D0174	02D0174-008.004	ANTIMONY	MD1	99	%REC	NO			1	D1J260246-001D	1305336
STLDEN	B208789	10/19/01	02D0174	02D0174-002.001	ARSENIC	MS1	105	%REC	YES			1	D1J230240-002S	1298325
STLDEN	B208789	10/19/01	02D0174	02D0174-002.001	ARSENIC	MD1	105	%REC	YES			1	D1J230240-002D	1298325
STLDEN	23296	10/23/01	02D0174	02D0174-008.004	ARSENIC	MS1	103	%REC	NO			1	D1J260246-001S	1305336
STLDEN	23296	10/23/01	02D0174	02D0174-008.004	ARSENIC	MD1	103	%REC	NO			1	D1J260246-001D	1305336
STLDEN	B208789	10/19/01	02D0174	02D0174-002.001	BARIUM	MS1	96	%REC	YES			1	D1J230240-002S	1298325
STLDEN	B208789	10/19/01	02D0174	02D0174-002.001	BARIUM	MD1	96	%REC	YES			1	D1J230240-002D	1298325
STLDEN	23296	10/23/01	02D0174	02D0174-008.004	BARIUM	MS1	96	%REC	NO			1	D1J260246-001S	1305336
STLDEN	23296	10/23/01	02D0174	02D0174-008.004	BARIUM	MD1	97	%REC	NO			1	D1J260246-001D	1305336
STLDEN	B208789	10/19/01	02D0174	02D0174-002.001	BERYLLIUM	MS1	90	%REC	YES	N		1	D1J230240-002S	1298325
STLDEN	B208789	10/19/01	02D0174	02D0174-002.001	BERYLLIUM	MD1	90	%REC	YES	N		1	D1J230240-002D	1298325
STLDEN	23296	10/23/01	02D0174	02D0174-008.004	BERYLLIUM	MS1	95	%REC	NO			1	D1J260246-001S	1305336
STLDEN	23296	10/23/01	02D0174	02D0174-008.004	BERYLLIUM	MD1	94	%REC	NO			1	D1J260246-001D	1305336
STLDEN	B208789	10/19/01	02D0174	02D0174-002.001	CADMIUM	MS1	96	%REC	YES			1	D1J230240-002S	1298325
STLDEN	B208789	10/19/01	02D0174	02D0174-002.001	CADMIUM	MD1	95	%REC	YES			1	D1J230240-002D	1298325
STLDEN	23296	10/23/01	02D0174	02D0174-008.004	CADMIUM	MS1	96	%REC	NO			1	D1J260246-001S	1305336
STLDEN	23296	10/23/01	02D0174	02D0174-008.004	CADMIUM	MD1	94	%REC	NO			1	D1J260246-001D	1305336
STLDEN	00200	10/18/01	02D0174	02D0174-001.004	CALCIUM	MS1	96	%REC	YES			1	D1J230240-001S	1298322
STLDEN	00200	10/18/01	02D0174	02D0174-001.004	CALCIUM	MD1	95	%REC	YES			1	D1J230240-001D	1298322
STLDEN	02500	10/23/01	02D0174	02D0174-009.004	CALCIUM	MS1	100	%REC	YES			1	D1J260246-002S	1305367
STLDEN	02500	10/23/01	02D0174	02D0174-009.004	CALCIUM	MD1	96	%REC	YES			1	D1J260246-002D	1305367
STLDEN	B208789	10/19/01	02D0174	02D0174-002.001	CHROMIUM	MS1	95	%REC	YES			1	D1J230240-002S	1298325
STLDEN	B208789	10/19/01	02D0174	02D0174-002.001	CHROMIUM	MD1	95	%REC	YES			1	D1J230240-002D	1298325
STLDEN	23296	10/23/01	02D0174	02D0174-008.004	CHROMIUM	MS1	98	%REC	NO			1	D1J260246-001S	1305336
STLDEN	23296	10/23/01	02D0174	02D0174-008.004	CHROMIUM	MD1	90	%REC	NO	N		1	D1J260246-001D	1305336

**Table 7-5**  
**Matrix Spike Recovery For Tritium - VOC - Metal - WQP Samples**  
**Groundwater - Fourth Quarter, 2002**

02-RF-00920

Lab	Location	Sample Date	RIN	Bottle #	Analyte	Result Type	Result	Units	Field Filtered	Lab Qual	Detect Limit	Dilution	Lab Sample #	Lab Batch #
STLDEN	B208789	10/19/01	02D0174	02D0174-002.001	COBALT	MS1	96	%REC	YES			1	D1J230240-002S	1298321
STLDEN	B208789	10/19/01	02D0174	02D0174-002.001	COBALT	MD1	96	%REC	YES			1	D1J230240-002D	1298322
STLDEN	23296	10/23/01	02D0174	02D0174-008.004	COBALT	MS1	97	%REC	NO			1	D1J260246-001S	1305336
STLDEN	23296	10/23/01	02D0174	02D0174-008.004	COBALT	MD1	97	%REC	NO			1	D1J260246-001D	1305336
STLDEN	B208789	10/19/01	02D0174	02D0174-002.001	COPPER	MS1	100	%REC	YES			1	D1J230240-002S	1298321
STLDEN	B208789	10/19/01	02D0174	02D0174-002.001	COPPER	MD1	100	%REC	YES			1	D1J230240-002D	1298322
STLDEN	23296	10/23/01	02D0174	02D0174-008.004	COPPER	MS1	97	%REC	NO			1	D1J260246-001S	1305336
STLDEN	23296	10/23/01	02D0174	02D0174-008.004	COPPER	MD1	122	%REC	NO	N*		1	D1J260246-001D	1305336
STLDEN	00200	10/18/01	02D0174	02D0174-001.004	IRON	MS1	96	%REC	YES			1	D1J230240-001S	1298321
STLDEN	00200	10/18/01	02D0174	02D0174-001.004	IRON	MD1	95	%REC	YES			1	D1J230240-001D	1298322
STLDEN	02500	10/23/01	02D0174	02D0174-009.004	IRON	MS1	108	%REC	YES			1	D1J260246-002S	1305367
STLDEN	02500	10/23/01	02D0174	02D0174-009.004	IRON	MD1	106	%REC	YES			1	D1J260246-002D	1305367
STLDEN	B208789	10/19/01	02D0174	02D0174-002.001	LEAD	MS1	100	%REC	YES			1	D1J230240-002S	1298321
STLDEN	B208789	10/19/01	02D0174	02D0174-002.001	LEAD	MD1	100	%REC	YES			1	D1J230240-002D	1298322
STLDEN	23296	10/23/01	02D0174	02D0174-008.004	LEAD	MS1	100	%REC	NO			1	D1J260246-001S	1305336
STLDEN	23296	10/23/01	02D0174	02D0174-008.004	LEAD	MD1	104	%REC	NO			1	D1J260246-001D	1305336
STLDEN	00200	10/18/01	02D0174	02D0174-001.004	LITHIUM	MS1	95	%REC	YES			1	D1J230240-001S	1298321
STLDEN	00200	10/18/01	02D0174	02D0174-001.004	LITHIUM	MD1	94	%REC	YES			1	D1J230240-001D	1298322
STLDEN	02500	10/23/01	02D0174	02D0174-009.004	LITHIUM	MS1	98	%REC	YES			1	D1J260246-002S	1305367
STLDEN	02500	10/23/01	02D0174	02D0174-009.004	LITHIUM	MD1	98	%REC	YES			1	D1J260246-002D	1305367
STLDEN	00200	10/18/01	02D0174	02D0174-001.004	MAGNESIUM	MS1	101	%REC	YES			1	D1J230240-001S	1298321
STLDEN	00200	10/18/01	02D0174	02D0174-001.004	MAGNESIUM	MD1	100	%REC	YES			1	D1J230240-001D	1298322
STLDEN	02500	10/23/01	02D0174	02D0174-009.004	MAGNESIUM	MS1	102	%REC	YES			1	D1J260246-002S	1305367
STLDEN	02500	10/23/01	02D0174	02D0174-009.004	MAGNESIUM	MD1	101	%REC	YES			1	D1J260246-002D	1305367
STLDEN	B208789	10/19/01	02D0174	02D0174-002.001	MANGANESE	MS1	95	%REC	YES			1	D1J230240-002S	1298321
STLDEN	B208789	10/19/01	02D0174	02D0174-002.001	MANGANESE	MD1	94	%REC	YES			1	D1J230240-002D	1298322
STLDEN	23296	10/23/01	02D0174	02D0174-008.004	MANGANESE	MS1	97	%REC	NO			1	D1J260246-001S	1305336
STLDEN	23296	10/23/01	02D0174	02D0174-008.004	MANGANESE	MD1	96	%REC	NO			1	D1J260246-001D	1305336
STLDEN			02D0174		MERCURY	MS1	97	%REC				1	D1J210104-001S	1305286
STLDEN			02D0174		MERCURY	MD1	98	%REC				1	D1J210104-001D	1305286
STLDEN	B208789	10/19/01	02D0174	02D0174-002.001	MOLYBDENUM	MS1	95	%REC	YES			1	D1J230240-002S	1298321
STLDEN	B208789	10/19/01	02D0174	02D0174-002.001	MOLYBDENUM	MD1	95	%REC	YES			1	D1J230240-002D	1298322
STLDEN	23296	10/23/01	02D0174	02D0174-008.004	MOLYBDENUM	MS1	98	%REC	NO			1	D1J260246-001S	1305336
STLDEN	23296	10/23/01	02D0174	02D0174-008.004	MOLYBDENUM	MD1	97	%REC	NO			1	D1J260246-001D	1305336
STLDEN	B208789	10/19/01	02D0174	02D0174-002.001	NICKEL	MS1	96	%REC	YES			1	D1J230240-002S	1298321
STLDEN	B208789	10/19/01	02D0174	02D0174-002.001	NICKEL	MD1	95	%REC	YES			1	D1J230240-002D	1298322
STLDEN	23296	10/23/01	02D0174	02D0174-008.004	NICKEL	MS1	94	%REC	NO			1	D1J260246-001S	1305336
STLDEN	23296	10/23/01	02D0174	02D0174-008.004	NICKEL	MD1	94	%REC	NO			1	D1J260246-001D	1305336
STLDEN	00200	10/18/01	02D0174	02D0174-001.004	POTASSIUM	MS1	98	%REC	YES			1	D1J230240-001S	1298321
STLDEN	00200	10/18/01	02D0174	02D0174-001.004	POTASSIUM	MD1	97	%REC	YES			1	D1J230240-001D	1298322
STLDEN	02500	10/23/01	02D0174	02D0174-009.004	POTASSIUM	MS1	99	%REC	YES			1	D1J260246-002S	1305367
STLDEN	02500	10/23/01	02D0174	02D0174-009.004	POTASSIUM	MD1	99	%REC	YES			1	D1J260246-002D	1305367
STLDEN	B208789	10/19/01	02D0174	02D0174-002.001	SELENIUM	MS1	107	%REC	YES			1	D1J230240-002S	1298321
STLDEN	B208789	10/19/01	02D0174	02D0174-002.001	SELENIUM	MD1	106	%REC	YES			1	D1J230240-002D	1298322
STLDEN	23296	10/23/01	02D0174	02D0174-008.004	SELENIUM	MS1	107	%REC	NO			1	D1J260246-001S	1305336
STLDEN	23296	10/23/01	02D0174	02D0174-008.004	SELENIUM	MD1	107	%REC	NO			1	D1J260246-001D	1305336
STLDEN	B208789	10/19/01	02D0174	02D0174-002.001	SILVER	MS1	109	%REC	YES			1	D1J230240-002S	1298321
STLDEN	B208789	10/19/01	02D0174	02D0174-002.001	SILVER	MD1	110	%REC	YES			1	D1J230240-002D	1298322
STLDEN	23296	10/23/01	02D0174	02D0174-008.004	SILVER	MS1	108	%REC	NO			1	D1J260246-001S	1305336
STLDEN	23296	10/23/01	02D0174	02D0174-008.004	SILVER	MD1	108	%REC	NO			1	D1J260246-001D	1305336
STLDEN	00200	10/18/01	02D0174	02D0174-001.004	SODIUM	MS1	101	%REC	YES			1	D1J230240-001S	1298321
STLDEN	00200	10/18/01	02D0174	02D0174-001.004	SODIUM	MD1	101	%REC	YES			1	D1J230240-001D	1298322
STLDEN	02500	10/23/01	02D0174	02D0174-009.004	SODIUM	MS1	106	%REC	YES			1	D1J260246-002S	1305367
STLDEN	02500	10/23/01	02D0174	02D0174-009.004	SODIUM	MD1	105	%REC	YES			1	D1J260246-002D	1305367
STLDEN	B208789	10/19/01	02D0174	02D0174-002.001	STRONTIUM	MS1	90	%REC	YES			1	D1J230240-002S	1298321
STLDEN	B208789	10/19/01	02D0174	02D0174-002.001	STRONTIUM	MD1	90	%REC	YES			1	D1J230240-002D	1298322

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**Matrix Spike Recovery For Tritium - VOC - Metal - WQP Samples**  
**Groundwater - Fourth Quarter, 2002**

Lab	Location	Sample Date	RIN	Bottle #	Analyte	Result Type	Result	Units	Field Filtered	Lab Qual	Detect Limit	Dilution	Lab Sample #	Lab Batch #
STLDEN	23296	10/23/01	02D0174	02D0174-008.004	STRONTIUM	MS1	87	%REC	NO	N		1	D1J260246-001S	1305336
STLDEN	23296	10/23/01	02D0174	02D0174-008.004	STRONTIUM	MD1	88	%REC	NO	N		1	D1J260246-001D	1305336
STLDEN	B208789	10/19/01	02D0174	02D0174-002.001	THALLIUM	MS1	98	%REC	YES			1	D1J230240-002S	1298325
STLDEN	B208789	10/19/01	02D0174	02D0174-002.001	THALLIUM	MD1	97	%REC	YES			1	D1J230240-002D	1298325
STLDEN	23296	10/23/01	02D0174	02D0174-008.004	THALLIUM	MS1	96	%REC	NO			1	D1J260246-001S	1305336
STLDEN	23296	10/23/01	02D0174	02D0174-008.004	THALLIUM	MD1	96	%REC	NO			1	D1J260246-001D	1305336
STLDEN	B208789	10/19/01	02D0174	02D0174-002.001	TIN	MS1	99	%REC	YES			1	D1J230240-002S	1298325
STLDEN	B208789	10/19/01	02D0174	02D0174-002.001	TIN	MD1	99	%REC	YES			1	D1J230240-002D	1298325
STLDEN	23296	10/23/01	02D0174	02D0174-008.004	TIN	MS1	99	%REC	NO			1	D1J260246-001S	1305336
STLDEN	23296	10/23/01	02D0174	02D0174-008.004	TIN	MD1	99	%REC	NO			1	D1J260246-001D	1305336
STLDEN	B208789	10/19/01	02D0174	02D0174-002.001	URANIUM, TOTAL	MS1	101	%REC	YES			1	D1J230240-002S	1298325
STLDEN	B208789	10/19/01	02D0174	02D0174-002.001	URANIUM, TOTAL	MD1	102	%REC	YES			1	D1J230240-002D	1298325
STLDEN	23296	10/23/01	02D0174	02D0174-008.004	URANIUM, TOTAL	MS1	105	%REC	NO			1	D1J260246-001S	1305336
STLDEN	23296	10/23/01	02D0174	02D0174-008.004	URANIUM, TOTAL	MD1	106	%REC	NO			1	D1J260246-001D	1305336
STLDEN	B208789	10/19/01	02D0174	02D0174-002.001	VANADIUM	MS1	97	%REC	YES			1	D1J230240-002S	1298325
STLDEN	B208789	10/19/01	02D0174	02D0174-002.001	VANADIUM	MD1	97	%REC	YES			1	D1J230240-002D	1298325
STLDEN	23296	10/23/01	02D0174	02D0174-008.004	VANADIUM	MS1	101	%REC	NO			1	D1J260246-001S	1305336
STLDEN	23296	10/23/01	02D0174	02D0174-008.004	VANADIUM	MD1	101	%REC	NO			1	D1J260246-001D	1305336
STLDEN	B208789	10/19/01	02D0174	02D0174-002.001	ZINC	MS1	94	%REC	YES			1	D1J230240-002S	1298325
STLDEN	B208789	10/19/01	02D0174	02D0174-002.001	ZINC	MD1	94	%REC	YES			1	D1J230240-002D	1298325
STLDEN	23296	10/23/01	02D0174	02D0174-008.004	ZINC	MS1	95	%REC	NO			1	D1J260246-001S	1305336
STLDEN	23296	10/23/01	02D0174	02D0174-008.004	ZINC	MD1	94	%REC	NO			1	D1J260246-001D	1305336
STLDEN	18199	10/29/01	02D0216	02D0216-004.004	ALUMINUM	MS1	102	%REC	NO			1	D1J300188-001S	1305326
STLDEN	18199	10/29/01	02D0216	02D0216-004.004	ALUMINUM	MD1	96	%REC	NO			1	D1J300188-001D	1305326
STLDEN	P219089	10/30/01	02D0216	02D0216-008.004	ALUMINUM	MS1	100	%REC	YES			1	D1J310242-001S	1310307
STLDEN	P219089	10/30/01	02D0216	02D0216-008.004	ALUMINUM	MD1	98	%REC	YES			1	D1J310242-001D	1310307
STLDEN	18199	10/29/01	02D0216	02D0216-004.004	ANTIMONY	MS1	97	%REC	NO			1	D1J300188-001S	1305326
STLDEN	18199	10/29/01	02D0216	02D0216-004.004	ANTIMONY	MD1	97	%REC	NO			1	D1J300188-001D	1305326
STLDEN	P219089	10/30/01	02D0216	02D0216-008.004	ANTIMONY	MS1	99	%REC	YES			1	D1J310242-001S	1310307
STLDEN	P219089	10/30/01	02D0216	02D0216-008.004	ANTIMONY	MD1	97	%REC	YES			1	D1J310242-001D	1310307
STLDEN	18199	10/29/01	02D0216	02D0216-004.004	ARSENIC	MS1	101	%REC	NO			1	D1J300188-001S	1305326
STLDEN	18199	10/29/01	02D0216	02D0216-004.004	ARSENIC	MD1	102	%REC	NO			1	D1J300188-001D	1305326
STLDEN	P219089	10/30/01	02D0216	02D0216-008.004	ARSENIC	MS1	102	%REC	YES			1	D1J310242-001S	1310307
STLDEN	P219089	10/30/01	02D0216	02D0216-008.004	ARSENIC	MD1	100	%REC	YES			1	D1J310242-001D	1310307
STLDEN	18199	10/29/01	02D0216	02D0216-004.004	BARIUM	MS1	97	%REC	NO			1	D1J300188-001S	1305326
STLDEN	18199	10/29/01	02D0216	02D0216-004.004	BARIUM	MD1	97	%REC	NO			1	D1J300188-001D	1305326
STLDEN	P219089	10/30/01	02D0216	02D0216-008.004	BARIUM	MS1	96	%REC	YES			1	D1J310242-001S	1310307
STLDEN	P219089	10/30/01	02D0216	02D0216-008.004	BARIUM	MD1	94	%REC	YES			1	D1J310242-001D	1310307
STLDEN	18199	10/29/01	02D0216	02D0216-004.004	BERYLLIUM	MS1	95	%REC	NO			1	D1J300188-001S	1305326
STLDEN	18199	10/29/01	02D0216	02D0216-004.004	BERYLLIUM	MD1	95	%REC	NO			1	D1J300188-001D	1305326
STLDEN	P219089	10/30/01	02D0216	02D0216-008.004	BERYLLIUM	MS1	93	%REC	YES			1	D1J310242-001S	1310307
STLDEN	P219089	10/30/01	02D0216	02D0216-008.004	BERYLLIUM	MD1	91	%REC	YES			1	D1J310242-001D	1310307
STLDEN	18199	10/29/01	02D0216	02D0216-004.004	CADMIUM	MS1	95	%REC	NO			1	D1J300188-001S	1305326
STLDEN	18199	10/29/01	02D0216	02D0216-004.004	CADMIUM	MD1	96	%REC	NO			1	D1J300188-001D	1305326
STLDEN	P219089	10/30/01	02D0216	02D0216-008.004	CADMIUM	MS1	97	%REC	YES			1	D1J310242-001S	1310307
STLDEN	P219089	10/30/01	02D0216	02D0216-008.004	CADMIUM	MD1	95	%REC	YES			1	D1J310242-001D	1310307
STLDEN	18199	10/29/01	02D0216	02D0216-004.004	CALCIUM	MS1	91	%REC	NO			1	D1J300188-001S	1305371
STLDEN	18199	10/29/01	02D0216	02D0216-004.004	CALCIUM	MD1	92	%REC	NO			1	D1J300188-001D	1305371
STLDEN	P219089	10/30/01	02D0216	02D0216-008.004	CALCIUM	MS1	102	%REC	YES			1	D1J310242-001S	1310309
STLDEN	P219089	10/30/01	02D0216	02D0216-008.004	CALCIUM	MD1	100	%REC	YES			1	D1J310242-001D	1310309
STLDEN	18199	10/29/01	02D0216	02D0216-004.004	CHROMIUM	MS1	96	%REC	NO			1	D1J300188-001S	1305326
STLDEN	18199	10/29/01	02D0216	02D0216-004.004	CHROMIUM	MD1	96	%REC	NO			1	D1J300188-001D	1305326
STLDEN	P219089	10/30/01	02D0216	02D0216-008.004	CHROMIUM	MS1	97	%REC	YES			1	D1J310242-001S	1310307
STLDEN	P219089	10/30/01	02D0216	02D0216-008.004	CHROMIUM	MD1	95	%REC	YES			1	D1J310242-001D	1310307
STLDEN	18199	10/29/01	02D0216	02D0216-004.004	COBALT	MS1	97	%REC	NO			1	D1J300188-001S	1305326
STLDEN	18199	10/29/01	02D0216	02D0216-004.004	COBALT	MD1	97	%REC	NO			1	D1J300188-001D	1305326



**Table 7-5**  
**Matrix Spike Recovery For Tritium - VOC - Metal - WQP Samples**  
**Groundwater - Fourth Quarter, 2002**

02-RF-00920

Lab	Location	Sample Date	RIN	Bottle #	Analyte	Result Type	Result	Units	Field Filtered	Lab Qual	Detect Limit	Dilution	Lab Sample #	Lab Batch #
STLDEN	P219089	10/30/01	02D0216	02D0216-008.004	COBALT	MS1	96	%REC	YES			1	D1J310242-001S	1310309
STLDEN	P219089	10/30/01	02D0216	02D0216-008.004	COBALT	MD1	95	%REC	YES			1	D1J310242-001D	1310309
STLDEN	18199	10/29/01	02D0216	02D0216-004.004	COPPER	MS1	100	%REC	NO			1	D1J300188-001S	1305326
STLDEN	18199	10/29/01	02D0216	02D0216-004.004	COPPER	MD1	94	%REC	NO			1	D1J300188-001D	1305326
STLDEN	P219089	10/30/01	02D0216	02D0216-008.004	COPPER	MS1	96	%REC	YES			1	D1J310242-001S	1310309
STLDEN	P219089	10/30/01	02D0216	02D0216-008.004	COPPER	MD1	94	%REC	YES			1	D1J310242-001D	1310309
STLDEN	18199	10/29/01	02D0216	02D0216-004.004	IRON	MS1	97	%REC	NO			1	D1J300188-001S	1305371
STLDEN	18199	10/29/01	02D0216	02D0216-004.004	IRON	MD1	97	%REC	NO			1	D1J300188-001D	1305371
STLDEN	P219089	10/30/01	02D0216	02D0216-008.004	IRON	MS1	97	%REC	YES			1	D1J310242-001S	1310309
STLDEN	P219089	10/30/01	02D0216	02D0216-008.004	IRON	MD1	97	%REC	YES			1	D1J310242-001D	1310309
STLDEN	18199	10/29/01	02D0216	02D0216-004.004	LEAD	MS1	98	%REC	NO			1	D1J300188-001S	1305326
STLDEN	18199	10/29/01	02D0216	02D0216-004.004	LEAD	MD1	99	%REC	NO			1	D1J300188-001D	1305326
STLDEN	P219089	10/30/01	02D0216	02D0216-008.004	LEAD	MS1	99	%REC	YES			1	D1J310242-001S	1310309
STLDEN	P219089	10/30/01	02D0216	02D0216-008.004	LEAD	MD1	98	%REC	YES			1	D1J310242-001D	1310307
STLDEN	18199	10/29/01	02D0216	02D0216-004.004	LITHIUM	MS1	97	%REC	NO			1	D1J300188-001S	1305371
STLDEN	18199	10/29/01	02D0216	02D0216-004.004	LITHIUM	MD1	99	%REC	NO			1	D1J300188-001D	1305371
STLDEN	P219089	10/30/01	02D0216	02D0216-008.004	LITHIUM	MS1	99	%REC	YES			1	D1J310242-001S	1310309
STLDEN	P219089	10/30/01	02D0216	02D0216-008.004	LITHIUM	MD1	98	%REC	YES			1	D1J310242-001D	1310309
STLDEN	18199	10/29/01	02D0216	02D0216-004.004	MAGNESIUM	MS1	100	%REC	NO			1	D1J300188-001S	1305371
STLDEN	18199	10/29/01	02D0216	02D0216-004.004	MAGNESIUM	MD1	101	%REC	NO			1	D1J300188-001D	1305371
STLDEN	P219089	10/30/01	02D0216	02D0216-008.004	MAGNESIUM	MS1	103	%REC	YES			1	D1J310242-001S	1310309
STLDEN	P219089	10/30/01	02D0216	02D0216-008.004	MAGNESIUM	MD1	101	%REC	YES			1	D1J310242-001D	1310309
STLDEN	18199	10/29/01	02D0216	02D0216-004.004	MANGANESE	MS1	97	%REC	NO			1	D1J300188-001S	1305326
STLDEN	18199	10/29/01	02D0216	02D0216-004.004	MANGANESE	MD1	98	%REC	NO			1	D1J300188-001D	1305326
STLDEN	P219089	10/30/01	02D0216	02D0216-008.004	MANGANESE	MS1	96	%REC	YES			1	D1J310242-001S	1310307
STLDEN	P219089	10/30/01	02D0216	02D0216-008.004	MANGANESE	MD1	94	%REC	YES			1	D1J310242-001D	1310307
STLDEN			02D0216		MERCURY	MS1	97	%REC				1	D1J210104-001S	1305286
STLDEN			02D0216		MERCURY	MD1	98	%REC				1	D1J210104-001D	1305286
STLDEN	18199	10/29/01	02D0216	02D0216-004.004	MOLYBDENUM	MS1	96	%REC	NO			1	D1J300188-001S	1305326
STLDEN	18199	10/29/01	02D0216	02D0216-004.004	MOLYBDENUM	MD1	96	%REC	NO			1	D1J300188-001D	1305326
STLDEN	P219089	10/30/01	02D0216	02D0216-008.004	MOLYBDENUM	MS1	96	%REC	YES			1	D1J310242-001S	1310309
STLDEN	P219089	10/30/01	02D0216	02D0216-008.004	MOLYBDENUM	MD1	94	%REC	YES			1	D1J310242-001D	1310307
STLDEN	18199	10/29/01	02D0216	02D0216-004.004	NICKEL	MS1	96	%REC	NO			1	D1J300188-001S	1305326
STLDEN	18199	10/29/01	02D0216	02D0216-004.004	NICKEL	MD1	97	%REC	NO			1	D1J300188-001D	1305326
STLDEN	P219089	10/30/01	02D0216	02D0216-008.004	NICKEL	MS1	97	%REC	YES			1	D1J310242-001S	1310307
STLDEN	P219089	10/30/01	02D0216	02D0216-008.004	NICKEL	MD1	95	%REC	YES			1	D1J310242-001D	1310307
STLDEN	18199	10/29/01	02D0216	02D0216-004.004	POTASSIUM	MS1	99	%REC	NO			1	D1J300188-001S	1305371
STLDEN	18199	10/29/01	02D0216	02D0216-004.004	POTASSIUM	MD1	100	%REC	NO			1	D1J300188-001D	1305371
STLDEN	P219089	10/30/01	02D0216	02D0216-008.004	POTASSIUM	MS1	98	%REC	YES			1	D1J310242-001S	1310309
STLDEN	P219089	10/30/01	02D0216	02D0216-008.004	POTASSIUM	MD1	97	%REC	YES			1	D1J310242-001D	1310309
STLDEN	18199	10/29/01	02D0216	02D0216-004.004	SELENIUM	MS1	104	%REC	NO			1	D1J300188-001S	1305326
STLDEN	18199	10/29/01	02D0216	02D0216-004.004	SELENIUM	MD1	105	%REC	NO			1	D1J300188-001D	1305326
STLDEN	P219089	10/30/01	02D0216	02D0216-008.004	SELENIUM	MS1	106	%REC	YES			1	D1J310242-001S	1310307
STLDEN	P219089	10/30/01	02D0216	02D0216-008.004	SELENIUM	MD1	105	%REC	YES			1	D1J310242-001D	1310309
STLDEN	18199	10/29/01	02D0216	02D0216-004.004	SILVER	MS1	105	%REC	NO			1	D1J300188-001S	1305326
STLDEN	18199	10/29/01	02D0216	02D0216-004.004	SILVER	MD1	105	%REC	NO			1	D1J300188-001D	1305326
STLDEN	P219089	10/30/01	02D0216	02D0216-008.004	SILVER	MS1	105	%REC	YES			1	D1J310242-001S	1310309
STLDEN	P219089	10/30/01	02D0216	02D0216-008.004	SILVER	MD1	103	%REC	YES			1	D1J310242-001D	1310309
STLDEN	18199	10/29/01	02D0216	02D0216-004.004	SODIUM	MS1	99	%REC	NO			1	D1J300188-001S	1305371
STLDEN	18199	10/29/01	02D0216	02D0216-004.004	SODIUM	MD1	102	%REC	NO			1	D1J300188-001D	1305371
STLDEN	P219089	10/30/01	02D0216	02D0216-008.004	SODIUM	MS1	108	%REC	YES			1	D1J310242-001S	1310309
STLDEN	P219089	10/30/01	02D0216	02D0216-008.004	SODIUM	MD1	106	%REC	YES			1	D1J310242-001D	1310309
STLDEN	18199	10/29/01	02D0216	02D0216-004.004	STRONTIUM	MS1	92	%REC	NO			1	D1J300188-001S	1305326
STLDEN	18199	10/29/01	02D0216	02D0216-004.004	STRONTIUM	MD1	93	%REC	NO			1	D1J300188-001D	1305326
STLDEN	P219089	10/30/01	02D0216	02D0216-008.004	STRONTIUM	MS1	95	%REC	YES			1	D1J310242-001S	1310309
STLDEN	P219089	10/30/01	02D0216	02D0216-008.004	STRONTIUM	MD1	91	%REC	YES			1	D1J310242-001D	1310307

Table 7-5  
Matrix Spike Recovery For Tritium - VOC - Metal - WQP Samples  
Groundwater - Fourth Quarter, 2002

02-RF-00920

Lab	Location	Sample Date	RIN	Bottle #	Analyte	Result Type	Result	Units	Field Filtered	Lab Qual	Detect Limit	Dilution	Lab Sample #	Lab Batch #
LDEN	18199	10/29/01	02D0216	02D0216-004.004	THALLIUM	MS1	95	%REC	NO			1	D1J300188-001S	1305326
LDEN	18199	10/29/01	02D0216	02D0216-004.004	THALLIUM	MD1	95	%REC	NO			1	D1J300188-001D	1305326
STLDEN	P219089	10/30/01	02D0216	02D0216-008.004	THALLIUM	MS1	97	%REC	YES			1	D1J310242-001S	1310307
STLDEN	P219089	10/30/01	02D0216	02D0216-008.004	THALLIUM	MD1	95	%REC	YES			1	D1J310242-001D	1310307
LDEN	18199	10/29/01	02D0216	02D0216-004.004	TIN	MS1	96	%REC	NO			1	D1J300188-001S	1305326
LDEN	18199	10/29/01	02D0216	02D0216-004.004	TIN	MD1	97	%REC	NO			1	D1J300188-001D	1305326
STLDEN	P219089	10/30/01	02D0216	02D0216-008.004	TIN	MS1	98	%REC	YES			1	D1J310242-001S	1310307
LDEN	P219089	10/30/01	02D0216	02D0216-008.004	TIN	MD1	96	%REC	YES			1	D1J310242-001D	1310307
LDEN	18199	10/29/01	02D0216	02D0216-004.004	URANIUM, TOTAL	MS1	103	%REC	NO			1	D1J300188-001S	1305326
STLDEN	18199	10/29/01	02D0216	02D0216-004.004	URANIUM, TOTAL	MD1	103	%REC	NO			1	D1J300188-001D	1305326
STLDEN	P219089	10/30/01	02D0216	02D0216-008.004	URANIUM, TOTAL	MS1	102	%REC	YES			1	D1J310242-001S	1310307
LDEN	P219089	10/30/01	02D0216	02D0216-008.004	URANIUM, TOTAL	MD1	100	%REC	YES			1	D1J310242-001D	1310307
LDEN	18199	10/29/01	02D0216	02D0216-004.004	VANADIUM	MS1	99	%REC	NO			1	D1J300188-001S	1305326
STLDEN	18199	10/29/01	02D0216	02D0216-004.004	VANADIUM	MD1	100	%REC	NO			1	D1J300188-001D	1305326
LDEN	P219089	10/30/01	02D0216	02D0216-008.004	VANADIUM	MS1	97	%REC	YES			1	D1J310242-001S	1310307
LDEN	P219089	10/30/01	02D0216	02D0216-008.004	VANADIUM	MD1	95	%REC	YES			1	D1J310242-001D	1310307
STLDEN	18199	10/29/01	02D0216	02D0216-004.004	ZINC	MS1	95	%REC	NO			1	D1J300188-001S	1305326
STLDEN	18199	10/29/01	02D0216	02D0216-004.004	ZINC	MD1	95	%REC	NO			1	D1J300188-001D	1305326
LDEN	P219089	10/30/01	02D0216	02D0216-008.004	ZINC	MS1	99	%REC	YES			1	D1J310242-001S	1310307
LDEN	P219089	10/30/01	02D0216	02D0216-008.004	ZINC	MD1	94	%REC	YES			1	D1J310242-001D	1310307
STLDEN	1386	11/1/01	02D0264	02D0264-002.001	ALUMINUM	MS1	99	%REC	YES			1	D1K050137-001S	1317294
STLDEN	1386	11/1/01	02D0264	02D0264-002.001	ALUMINUM	MD1	100	%REC	YES			1	D1K050137-001D	1317294
LDEN	FD-774-4	11/7/01	02D0264	02D0264-005.004	ALUMINUM	MS1	93	%REC	YES			1	D1K090260-002S	1319512
STLDEN	FD-774-4	11/7/01	02D0264	02D0264-005.004	ALUMINUM	MD1	93	%REC	YES			1	D1K090260-002D	1319512
STLDEN	1386	11/1/01	02D0264	02D0264-002.001	ANTIMONY	MS1	99	%REC	YES			1	D1K050137-001S	1317294
LDEN	1386	11/1/01	02D0264	02D0264-002.001	ANTIMONY	MD1	101	%REC	YES			1	D1K050137-001D	1317294
LDEN	FD-774-4	11/7/01	02D0264	02D0264-005.004	ANTIMONY	MS1	97	%REC	YES			1	D1K090260-002S	1319512
STLDEN	FD-774-4	11/7/01	02D0264	02D0264-005.004	ANTIMONY	MD1	97	%REC	YES			1	D1K090260-002D	1319512
STLDEN	1386	11/1/01	02D0264	02D0264-002.001	ARSENIC	MS1	103	%REC	YES			1	D1K050137-001S	1317294
LDEN	1386	11/1/01	02D0264	02D0264-002.001	ARSENIC	MD1	104	%REC	YES			1	D1K050137-001D	1317294
LDEN	FD-774-4	11/7/01	02D0264	02D0264-005.004	ARSENIC	MS1	100	%REC	YES			1	D1K090260-002S	1319512
STLDEN	FD-774-4	11/7/01	02D0264	02D0264-005.004	ARSENIC	MD1	100	%REC	YES			1	D1K090260-002D	1319512
LDEN	1386	11/1/01	02D0264	02D0264-002.001	BARIUM	MS1	98	%REC	YES			1	D1K050137-001S	1317294
LDEN	1386	11/1/01	02D0264	02D0264-002.001	BARIUM	MD1	99	%REC	YES			1	D1K050137-001D	1317294
STLDEN	FD-774-4	11/7/01	02D0264	02D0264-005.004	BARIUM	MS1	96	%REC	YES			1	D1K090260-002S	1319512
STLDEN	FD-774-4	11/7/01	02D0264	02D0264-005.004	BARIUM	MD1	96	%REC	YES			1	D1K090260-002D	1319512
LDEN	1386	11/1/01	02D0264	02D0264-002.001	BERYLLIUM	MS1	90	%REC	YES	N		1	D1K050137-001S	1317294
LDEN	1386	11/1/01	02D0264	02D0264-002.001	BERYLLIUM	MD1	90	%REC	YES	N		1	D1K050137-001D	1317294
STLDEN	FD-774-4	11/7/01	02D0264	02D0264-005.004	BERYLLIUM	MS1	91	%REC	YES			1	D1K090260-002S	1319512
LDEN	FD-774-4	11/7/01	02D0264	02D0264-005.004	BERYLLIUM	MD1	91	%REC	YES			1	D1K090260-002D	1319512
LDEN	1386	11/1/01	02D0264	02D0264-002.001	CADMIUM	MS1	94	%REC	YES			1	D1K050137-001S	1317294
STLDEN	1386	11/1/01	02D0264	02D0264-002.001	CADMIUM	MD1	95	%REC	YES			1	D1K050137-001D	1317294
STLDEN	FD-774-4	11/7/01	02D0264	02D0264-005.004	CADMIUM	MS1	94	%REC	YES			1	D1K090260-002S	1319512
LDEN	FD-774-4	11/7/01	02D0264	02D0264-005.004	CADMIUM	MD1	93	%REC	YES			1	D1K090260-002D	1319512
LDEN	1386	11/1/01	02D0264	02D0264-002.001	CALCIUM	MS1	91	%REC	YES			1	D1K050137-001S	1317306
STLDEN	1386	11/1/01	02D0264	02D0264-002.001	CALCIUM	MD1	88	%REC	YES			1	D1K050137-001D	1317306
LDEN	FD-774-1	11/7/01	02D0264	02D0264-004.004	CALCIUM	MS1	94	%REC	YES			1	D1K090260-001S	1319509
LDEN	FD-774-1	11/7/01	02D0264	02D0264-004.004	CALCIUM	MD1	97	%REC	YES			1	D1K090260-001D	1319509
STLDEN	1386	11/1/01	02D0264	02D0264-002.001	CHROMIUM	MS1	95	%REC	YES			1	D1K050137-001S	1317294
STLDEN	1386	11/1/01	02D0264	02D0264-002.001	CHROMIUM	MD1	96	%REC	YES			1	D1K050137-001D	1317294
LDEN	FD-774-4	11/7/01	02D0264	02D0264-005.004	CHROMIUM	MS1	95	%REC	YES			1	D1K090260-002S	1319512
LDEN	FD-774-4	11/7/01	02D0264	02D0264-005.004	CHROMIUM	MD1	95	%REC	YES			1	D1K090260-002D	1319512
STLDEN	1386	11/1/01	02D0264	02D0264-002.001	COBALT	MS1	96	%REC	YES			1	D1K050137-001S	1317294
LDEN	1386	11/1/01	02D0264	02D0264-002.001	COBALT	MD1	96	%REC	YES			1	D1K050137-001D	1317294
LDEN	FD-774-4	11/7/01	02D0264	02D0264-005.004	COBALT	MS1	94	%REC	YES			1	D1K090260-002S	1319512
STLDEN	FD-774-4	11/7/01	02D0264	02D0264-005.004	COBALT	MD1	94	%REC	YES			1	D1K090260-002D	1319512

Table 7-5  
Matrix Spike Recovery For Tritium - VOC - Metal - WQP Samples  
Groundwater - Fourth Quarter, 2002

02-RF-00920

Lab	Location	Sample Date	RIN	Bottle #	Analyte	Result Type	Result	Units	Field Filtered	Lab Qual	Detect Limit	Dilution	Lab Sample #	Batch #
STLDEN	1386	11/1/01	02D0264	02D0264-002.001	COPPER	MS1	99	%REC	YES			1	D1K050137-001S	1317294
STLDEN	1386	11/1/01	02D0264	02D0264-002.001	COPPER	MD1	100	%REC	YES			1	D1K050137-001D	1317294
STLDEN	FD-774-4	11/7/01	02D0264	02D0264-005.004	COPPER	MS1	96	%REC	YES			1	D1K090260-002S	1319512
STLDEN	FD-774-4	11/7/01	02D0264	02D0264-005.004	COPPER	MD1	97	%REC	YES			1	D1K090260-002D	1319512
STLDEN	1386	11/1/01	02D0264	02D0264-002.001	IRON	MS1	98	%REC	YES			1	D1K050137-001S	1317306
STLDEN	1386	11/1/01	02D0264	02D0264-002.001	IRON	MD1	96	%REC	YES			1	D1K050137-001D	1317306
STLDEN	FD-774-1	11/7/01	02D0264	02D0264-004.004	IRON	MS1	96	%REC	YES			1	D1K090260-001S	1319509
STLDEN	FD-774-1	11/7/01	02D0264	02D0264-004.004	IRON	MD1	97	%REC	YES			1	D1K090260-001D	1319509
STLDEN	1386	11/1/01	02D0264	02D0264-002.001	LEAD	MS1	100	%REC	YES			1	D1K050137-001S	1317294
STLDEN	1386	11/1/01	02D0264	02D0264-002.001	LEAD	MD1	101	%REC	YES			1	D1K050137-001D	1317294
STLDEN	FD-774-4	11/7/01	02D0264	02D0264-005.004	LEAD	MS1	97	%REC	YES			1	D1K090260-002S	1319512
STLDEN	FD-774-4	11/7/01	02D0264	02D0264-005.004	LEAD	MD1	96	%REC	YES			1	D1K090260-002D	1319512
STLDEN	1386	11/1/01	02D0264	02D0264-002.001	LITHIUM	MS1	104	%REC	YES			1	D1K050137-001S	1317306
STLDEN	1386	11/1/01	02D0264	02D0264-002.001	LITHIUM	MD1	103	%REC	YES			1	D1K050137-001D	1317306
STLDEN	FD-774-1	11/7/01	02D0264	02D0264-004.004	LITHIUM	MS1	96	%REC	YES			1	D1K090260-001S	1319509
STLDEN	FD-774-1	11/7/01	02D0264	02D0264-004.004	LITHIUM	MD1	96	%REC	YES			1	D1K090260-001D	1319509
STLDEN	1386	11/1/01	02D0264	02D0264-002.001	MAGNESIUM	MS1	105	%REC	YES			1	D1K050137-001S	1317306
STLDEN	1386	11/1/01	02D0264	02D0264-002.001	MAGNESIUM	MD1	105	%REC	YES			1	D1K050137-001D	1317306
STLDEN	FD-774-1	11/7/01	02D0264	02D0264-004.004	MAGNESIUM	MS1	100	%REC	YES			1	D1K090260-001S	1319509
STLDEN	FD-774-1	11/7/01	02D0264	02D0264-004.004	MAGNESIUM	MD1	101	%REC	YES			1	D1K090260-001D	1319509
STLDEN	1386	11/1/01	02D0264	02D0264-002.001	MANGANESE	MS1	95	%REC	YES			1	D1K050137-001S	1317294
STLDEN	1386	11/1/01	02D0264	02D0264-002.001	MANGANESE	MD1	96	%REC	YES			1	D1K050137-001D	1317294
STLDEN	FD-774-4	11/7/01	02D0264	02D0264-005.004	MANGANESE	MS1	95	%REC	YES			1	D1K090260-002S	1319512
STLDEN	FD-774-4	11/7/01	02D0264	02D0264-005.004	MANGANESE	MD1	95	%REC	YES			1	D1K090260-002D	1319512
STLDEN			02D0264		MERCURY	MS1	95	%REC				1	D1K010326-001S	1316429
STLDEN			02D0264		MERCURY	MD1	95	%REC				1	D1K010326-001D	1316429
STLDEN	1386	11/1/01	02D0264	02D0264-002.001	MOLYBDENUM	MS1	96	%REC	YES			1	D1K050137-001S	1317294
STLDEN	1386	11/1/01	02D0264	02D0264-002.001	MOLYBDENUM	MD1	96	%REC	YES			1	D1K050137-001D	1317294
STLDEN	FD-774-4	11/7/01	02D0264	02D0264-005.004	MOLYBDENUM	MS1	93	%REC	YES			1	D1K090260-002S	1319512
STLDEN	FD-774-4	11/7/01	02D0264	02D0264-005.004	MOLYBDENUM	MD1	93	%REC	YES			1	D1K090260-002D	1319512
STLDEN	1386	11/1/01	02D0264	02D0264-002.001	NICKEL	MS1	94	%REC	YES			1	D1K050137-001S	1317294
STLDEN	1386	11/1/01	02D0264	02D0264-002.001	NICKEL	MD1	94	%REC	YES			1	D1K050137-001D	1317294
STLDEN	FD-774-4	11/7/01	02D0264	02D0264-005.004	NICKEL	MS1	96	%REC	YES			1	D1K090260-002S	1319512
STLDEN	FD-774-4	11/7/01	02D0264	02D0264-005.004	NICKEL	MD1	95	%REC	YES			1	D1K090260-002D	1319512
STLDEN	1386	11/1/01	02D0264	02D0264-002.001	POTASSIUM	MS1	103	%REC	YES			1	D1K050137-001S	1317306
STLDEN	1386	11/1/01	02D0264	02D0264-002.001	POTASSIUM	MD1	103	%REC	YES			1	D1K050137-001D	1317306
STLDEN	FD-774-1	11/7/01	02D0264	02D0264-004.004	POTASSIUM	MS1	97	%REC	YES			1	D1K090260-001S	1319509
STLDEN	FD-774-1	11/7/01	02D0264	02D0264-004.004	POTASSIUM	MD1	98	%REC	YES			1	D1K090260-001D	1319509
STLDEN	1386	11/1/01	02D0264	02D0264-002.001	SELENIUM	MS1	108	%REC	YES			1	D1K050137-001S	1317294
STLDEN	1386	11/1/01	02D0264	02D0264-002.001	SELENIUM	MD1	109	%REC	YES			1	D1K050137-001D	1317294
STLDEN	FD-774-4	11/7/01	02D0264	02D0264-005.004	SELENIUM	MS1	103	%REC	YES			1	D1K090260-002S	1319512
STLDEN	FD-774-4	11/7/01	02D0264	02D0264-005.004	SELENIUM	MD1	103	%REC	YES			1	D1K090260-002D	1319512
STLDEN	1386	11/1/01	02D0264	02D0264-002.001	SILVER	MS1	105	%REC	YES			1	D1K050137-001S	1317294
STLDEN	1386	11/1/01	02D0264	02D0264-002.001	SILVER	MD1	106	%REC	YES			1	D1K050137-001D	1317294
STLDEN	FD-774-4	11/7/01	02D0264	02D0264-005.004	SILVER	MS1	101	%REC	YES			1	D1K090260-002S	1319512
STLDEN	FD-774-4	11/7/01	02D0264	02D0264-005.004	SILVER	MD1	100	%REC	YES			1	D1K090260-002D	1319512
STLDEN	1386	11/1/01	02D0264	02D0264-002.001	SODIUM	MS1	106	%REC	YES			1	D1K050137-001S	1317306
STLDEN	1386	11/1/01	02D0264	02D0264-002.001	SODIUM	MD1	104	%REC	YES			1	D1K050137-001D	1317306
STLDEN	FD-774-1	11/7/01	02D0264	02D0264-004.004	SODIUM	MS1	98	%REC	YES			1	D1K090260-001S	1319509
STLDEN	FD-774-1	11/7/01	02D0264	02D0264-004.004	SODIUM	MD1	98	%REC	YES			1	D1K090260-001D	1319509
STLDEN	1386	11/1/01	02D0264	02D0264-002.001	STRONTIUM	MS1	92	%REC	YES			1	D1K050137-001S	1317294
STLDEN	1386	11/1/01	02D0264	02D0264-002.001	STRONTIUM	MD1	93	%REC	YES			1	D1K050137-001D	1317294
STLDEN	FD-774-4	11/7/01	02D0264	02D0264-005.004	STRONTIUM	MS1	95	%REC	YES			1	D1K090260-002S	1319512
STLDEN	FD-774-4	11/7/01	02D0264	02D0264-005.004	STRONTIUM	MD1	95	%REC	YES			1	D1K090260-002D	1319512
STLDEN	1386	11/1/01	02D0264	02D0264-002.001	THALLIUM	MS1	97	%REC	YES			1	D1K050137-001S	1317294
STLDEN	1386	11/1/01	02D0264	02D0264-002.001	THALLIUM	MD1	97	%REC	YES			1	D1K050137-001D	1317294



**Table 7-5**  
**Matrix Spike Recovery For Tritium - VOC - Metal - WQP Samples**  
**Groundwater - Fourth Quarter, 2002**

02-RF-00920

Lab	Location	Sample Date	RIN	Bottle #	Analyte	Result Type	Result	Units	Field Filtered	Lab Qual	Detect Limit	Dilution	Lab Sample #	Lab Batch #
STLDEN	FD-774-4	11/7/01	02D0264	02D0264-005.004	THALLIUM	MS1	94	%REC	YES			1	D1K090260-002S	1319512
STLDEN	FD-774-4	11/7/01	02D0264	02D0264-005.004	THALLIUM	MD1	94	%REC	YES			1	D1K090260-002D	1319512
STLDEN	1386	11/1/01	02D0264	02D0264-002.001	TIN	MS1	99	%REC	YES			1	D1K050137-001S	1317294
STLDEN	1386	11/1/01	02D0264	02D0264-002.001	TIN	MD1	100	%REC	YES			1	D1K050137-001D	1317294
STLDEN	FD-774-4	11/7/01	02D0264	02D0264-005.004	TIN	MS1	95	%REC	YES			1	D1K090260-002S	1319512
STLDEN	FD-774-4	11/7/01	02D0264	02D0264-005.004	TIN	MD1	95	%REC	YES			1	D1K090260-002D	1319512
STLDEN	1386	11/1/01	02D0264	02D0264-002.001	URANIUM, TOTAL	MS1	102	%REC	YES			1	D1K050137-001S	1317294
STLDEN	1386	11/1/01	02D0264	02D0264-002.001	URANIUM, TOTAL	MD1	102	%REC	YES			1	D1K050137-001D	1317294
STLDEN	FD-774-4	11/7/01	02D0264	02D0264-005.004	URANIUM, TOTAL	MS1	102	%REC	YES			1	D1K090260-002S	1319512
STLDEN	FD-774-4	11/7/01	02D0264	02D0264-005.004	URANIUM, TOTAL	MD1	103	%REC	YES			1	D1K090260-002D	1319512
STLDEN	1386	11/1/01	02D0264	02D0264-002.001	VANADIUM	MS1	97	%REC	YES			1	D1K050137-001S	1317294
STLDEN	1386	11/1/01	02D0264	02D0264-002.001	VANADIUM	MD1	98	%REC	YES			1	D1K050137-001D	1317294
STLDEN	FD-774-4	11/7/01	02D0264	02D0264-005.004	VANADIUM	MS1	96	%REC	YES			1	D1K090260-002S	1319512
STLDEN	FD-774-4	11/7/01	02D0264	02D0264-005.004	VANADIUM	MD1	96	%REC	YES			1	D1K090260-002D	1319512
STLDEN	1386	11/1/01	02D0264	02D0264-002.001	ZINC	MS1	92	%REC	YES			1	D1K050137-001S	1317294
STLDEN	1386	11/1/01	02D0264	02D0264-002.001	ZINC	MD1	92	%REC	YES			1	D1K050137-001D	1317294
STLDEN	FD-774-4	11/7/01	02D0264	02D0264-005.004	ZINC	MS1	91	%REC	YES			1	D1K090260-002S	1319512
STLDEN	FD-774-4	11/7/01	02D0264	02D0264-005.004	ZINC	MD1	91	%REC	YES			1	D1K090260-002D	1319512
STLDEN	20498	11/8/01	02D0292	02D0292-001.004	ALUMINUM	MS1	99	%REC	YES			1	D1K120206-001S	1319500
STLDEN	20498	11/8/01	02D0292	02D0292-001.004	ALUMINUM	MD1	100	%REC	YES			1	D1K120206-001D	1319500
STLDEN	00500	11/12/01	02D0292	02D0292-007.004	ALUMINUM	MS1	141	%REC	YES	N		1	D1K150202-002S	1324590
STLDEN	00500	11/12/01	02D0292	02D0292-007.004	ALUMINUM	MD1	141	%REC	YES	N		1	D1K150202-002D	1324590
STLDEN	20498	11/8/01	02D0292	02D0292-001.004	ANTIMONY	MS1	101	%REC	YES			1	D1K120206-001S	1319500
STLDEN	20498	11/8/01	02D0292	02D0292-001.004	ANTIMONY	MD1	103	%REC	YES			1	D1K120206-001D	1319500
STLDEN	00500	11/12/01	02D0292	02D0292-007.004	ANTIMONY	MS1	99	%REC	YES			1	D1K150202-002S	1324590
STLDEN	00500	11/12/01	02D0292	02D0292-007.004	ANTIMONY	MD1	97	%REC	YES			1	D1K150202-002D	1324590
STLDEN	20498	11/8/01	02D0292	02D0292-001.004	ARSENIC	MS1	105	%REC	YES			1	D1K120206-001S	1319500
STLDEN	20498	11/8/01	02D0292	02D0292-001.004	ARSENIC	MD1	106	%REC	YES			1	D1K120206-001D	1319500
STLDEN	00500	11/12/01	02D0292	02D0292-007.004	ARSENIC	MS1	104	%REC	YES			1	D1K150202-002S	1324590
STLDEN	00500	11/12/01	02D0292	02D0292-007.004	ARSENIC	MD1	102	%REC	YES			1	D1K150202-002D	1324590
STLDEN	20498	11/8/01	02D0292	02D0292-001.004	BARIUM	MS1	95	%REC	YES			1	D1K120206-001S	1319500
STLDEN	20498	11/8/01	02D0292	02D0292-001.004	BARIUM	MD1	96	%REC	YES			1	D1K120206-001D	1319500
STLDEN	00500	11/12/01	02D0292	02D0292-007.004	BARIUM	MS1	97	%REC	YES			1	D1K150202-002S	1324590
STLDEN	00500	11/12/01	02D0292	02D0292-007.004	BARIUM	MD1	95	%REC	YES			1	D1K150202-002D	1324590
STLDEN	20498	11/8/01	02D0292	02D0292-001.004	BERYLLIUM	MS1	91	%REC	YES			1	D1K120206-001S	1319500
STLDEN	20498	11/8/01	02D0292	02D0292-001.004	BERYLLIUM	MD1	92	%REC	YES			1	D1K120206-001D	1319500
STLDEN	00500	11/12/01	02D0292	02D0292-007.004	BERYLLIUM	MS1	97	%REC	YES			1	D1K150202-002S	1324590
STLDEN	00500	11/12/01	02D0292	02D0292-007.004	BERYLLIUM	MD1	94	%REC	YES			1	D1K150202-002D	1324590
STLDEN	20498	11/8/01	02D0292	02D0292-001.004	CADMIUM	MS1	93	%REC	YES			1	D1K120206-001S	1319500
STLDEN	20498	11/8/01	02D0292	02D0292-001.004	CADMIUM	MD1	94	%REC	YES			1	D1K120206-001D	1319500
STLDEN	00500	11/12/01	02D0292	02D0292-007.004	CADMIUM	MS1	95	%REC	YES			1	D1K150202-002S	1324590
STLDEN	00500	11/12/01	02D0292	02D0292-007.004	CADMIUM	MD1	93	%REC	YES			1	D1K150202-002D	1324590
STLDEN	20498	11/8/01	02D0292	02D0292-001.004	CALCIUM	MS1	98	%REC	YES			1	D1K120206-001S	1319507
STLDEN	20498	11/8/01	02D0292	02D0292-001.004	CALCIUM	MD1	90	%REC	YES			1	D1K120206-001D	1319507
STLDEN	60499	11/12/01	02D0292	02D0292-005.001	CALCIUM	MS1	96	%REC	YES			1	D1K150202-001S	1324589
STLDEN	60499	11/12/01	02D0292	02D0292-005.001	CALCIUM	MD1	96	%REC	YES			1	D1K150202-001D	1324589
STLDEN	20498	11/8/01	02D0292	02D0292-001.004	CHROMIUM	MS1	96	%REC	YES			1	D1K120206-001S	1319500
STLDEN	20498	11/8/01	02D0292	02D0292-001.004	CHROMIUM	MD1	96	%REC	YES			1	D1K120206-001D	1319500
STLDEN	00500	11/12/01	02D0292	02D0292-007.004	CHROMIUM	MS1	98	%REC	YES			1	D1K150202-002S	1324590
STLDEN	00500	11/12/01	02D0292	02D0292-007.004	CHROMIUM	MD1	96	%REC	YES			1	D1K150202-002D	1324590
STLDEN	20498	11/8/01	02D0292	02D0292-001.004	COBALT	MS1	96	%REC	YES			1	D1K120206-001S	1319500
STLDEN	20498	11/8/01	02D0292	02D0292-001.004	COBALT	MD1	96	%REC	YES			1	D1K120206-001D	1319500
STLDEN	00500	11/12/01	02D0292	02D0292-007.004	COBALT	MS1	102	%REC	YES			1	D1K150202-002S	1324590
STLDEN	00500	11/12/01	02D0292	02D0292-007.004	COBALT	MD1	100	%REC	YES			1	D1K150202-002D	1324590
STLDEN	20498	11/8/01	02D0292	02D0292-001.004	COPPER	MS1	100	%REC	YES			1	D1K120206-001S	1319500
STLDEN	20498	11/8/01	02D0292	02D0292-001.004	COPPER	MD1	101	%REC	YES			1	D1K120206-001D	1319500

Table 7-5

02-RF-00920

**Matrix Spike Recovery For Tritium - VOC - Metal - WQP Samples  
Groundwater - Fourth Quarter, 2002**

Lab	Location	Sample Date	RIN	Bottle #	Analyte	Result Type	Result	Units	Field Filtered	Lab Qual	Detect Limit	Dilution	Lab Sample #	Lab Batch #
STLDEN	00500	11/12/01	02D0292	02D0292-007.004	COPPER	MS1	102	%REC	YES			1	D1K150202-002S	132459
STLDEN	00500	11/12/01	02D0292	02D0292-007.004	COPPER	MD1	101	%REC	YES			1	D1K150202-002D	132459
STLDEN	20498	11/8/01	02D0292	02D0292-001.004	IRON	MS1	0	%REC	YES			1	D1K120206-001S	1319507
STLDEN	20498	11/8/01	02D0292	02D0292-001.004	IRON	MD1	0	%REC	YES			1	D1K120206-001D	1319507
STLDEN	60499	11/12/01	02D0292	02D0292-005.001	IRON	MS1	100	%REC	YES			1	D1K150202-001S	132458
STLDEN	60499	11/12/01	02D0292	02D0292-005.001	IRON	MD1	99	%REC	YES			1	D1K150202-001D	132458
STLDEN	20498	11/8/01	02D0292	02D0292-001.004	LEAD	MS1	100	%REC	YES			1	D1K120206-001S	1319500
STLDEN	20498	11/8/01	02D0292	02D0292-001.004	LEAD	MD1	101	%REC	YES			1	D1K120206-001D	1319500
STLDEN	00500	11/12/01	02D0292	02D0292-007.004	LEAD	MS1	100	%REC	YES			1	D1K150202-002S	132459
STLDEN	00500	11/12/01	02D0292	02D0292-007.004	LEAD	MD1	98	%REC	YES			1	D1K150202-002D	132459
STLDEN	20498	11/8/01	02D0292	02D0292-001.004	LITHIUM	MS1	101	%REC	YES			1	D1K120206-001S	1319507
STLDEN	20498	11/8/01	02D0292	02D0292-001.004	LITHIUM	MD1	99	%REC	YES			1	D1K120206-001D	1319507
STLDEN	60499	11/12/01	02D0292	02D0292-005.001	LITHIUM	MS1	101	%REC	YES			1	D1K150202-001S	132458
STLDEN	60499	11/12/01	02D0292	02D0292-005.001	LITHIUM	MD1	101	%REC	YES			1	D1K150202-001D	132458
STLDEN	20498	11/8/01	02D0292	02D0292-001.004	MAGNESIUM	MS1	103	%REC	YES			1	D1K120206-001S	1319507
STLDEN	20498	11/8/01	02D0292	02D0292-001.004	MAGNESIUM	MD1	100	%REC	YES			1	D1K120206-001D	1319507
STLDEN	60499	11/12/01	02D0292	02D0292-005.001	MAGNESIUM	MS1	102	%REC	YES			1	D1K150202-001S	132458
STLDEN	60499	11/12/01	02D0292	02D0292-005.001	MAGNESIUM	MD1	102	%REC	YES			1	D1K150202-001D	132458
STLDEN	20498	11/8/01	02D0292	02D0292-001.004	MANGANESE	MS1	76	%REC	YES	N		1	D1K120206-001S	1319507
STLDEN	20498	11/8/01	02D0292	02D0292-001.004	MANGANESE	MD1	87	%REC	YES	N		1	D1K120206-001D	1319507
STLDEN	00500	11/12/01	02D0292	02D0292-007.004	MANGANESE	MS1	105	%REC	YES			1	D1K150202-002S	132459
STLDEN	00500	11/12/01	02D0292	02D0292-007.004	MANGANESE	MD1	83	%REC	YES	N		1	D1K150202-002D	132459
STLDEN	20498	11/8/01	02D0292	02D0292-001.004	MERCURY	MS1	56	%REC	YES	N		1	D1K120206-001S	133024
STLDEN	20498	11/8/01	02D0292	02D0292-001.004	MERCURY	MD1	56	%REC	YES	N		1	D1K120206-001D	133024
STLDEN	20498	11/8/01	02D0292	02D0292-001.004	MOLYBDENUM	MS1	95	%REC	YES			1	D1K120206-001S	1319500
STLDEN	20498	11/8/01	02D0292	02D0292-001.004	MOLYBDENUM	MD1	96	%REC	YES			1	D1K120206-001D	1319500
STLDEN	00500	11/12/01	02D0292	02D0292-007.004	MOLYBDENUM	MS1	96	%REC	YES			1	D1K150202-002S	132459
STLDEN	00500	11/12/01	02D0292	02D0292-007.004	MOLYBDENUM	MD1	95	%REC	YES			1	D1K150202-002D	132459
STLDEN	20498	11/8/01	02D0292	02D0292-001.004	NICKEL	MS1	96	%REC	YES			1	D1K120206-001S	1319500
STLDEN	20498	11/8/01	02D0292	02D0292-001.004	NICKEL	MD1	97	%REC	YES			1	D1K120206-001D	1319500
STLDEN	00500	11/12/01	02D0292	02D0292-007.004	NICKEL	MS1	98	%REC	YES			1	D1K150202-002S	132459
STLDEN	00500	11/12/01	02D0292	02D0292-007.004	NICKEL	MD1	96	%REC	YES			1	D1K150202-002D	132459
STLDEN	20498	11/8/01	02D0292	02D0292-001.004	POTASSIUM	MS1	102	%REC	YES			1	D1K120206-001S	1319500
STLDEN	20498	11/8/01	02D0292	02D0292-001.004	POTASSIUM	MD1	101	%REC	YES			1	D1K120206-001D	1319500
STLDEN	60499	11/12/01	02D0292	02D0292-005.001	POTASSIUM	MS1	100	%REC	YES			1	D1K150202-001S	132458
STLDEN	60499	11/12/01	02D0292	02D0292-005.001	POTASSIUM	MD1	100	%REC	YES			1	D1K150202-001D	132458
STLDEN	20498	11/8/01	02D0292	02D0292-001.004	SELENIUM	MS1	109	%REC	YES			1	D1K120206-001S	1319500
STLDEN	20498	11/8/01	02D0292	02D0292-001.004	SELENIUM	MD1	110	%REC	YES			1	D1K120206-001D	1319500
STLDEN	00500	11/12/01	02D0292	02D0292-007.004	SELENIUM	MS1	109	%REC	YES			1	D1K150202-002S	132459
STLDEN	00500	11/12/01	02D0292	02D0292-007.004	SELENIUM	MD1	108	%REC	YES			1	D1K150202-002D	132459
STLDEN	20498	11/8/01	02D0292	02D0292-001.004	SILVER	MS1	105	%REC	YES			1	D1K120206-001S	1319500
STLDEN	20498	11/8/01	02D0292	02D0292-001.004	SILVER	MD1	107	%REC	YES			1	D1K120206-001D	1319500
STLDEN	00500	11/12/01	02D0292	02D0292-007.004	SILVER	MS1	107	%REC	YES			1	D1K150202-002S	132459
STLDEN	00500	11/12/01	02D0292	02D0292-007.004	SILVER	MD1	105	%REC	YES			1	D1K150202-002D	132459
STLDEN	20498	11/8/01	02D0292	02D0292-001.004	SODIUM	MS1	103	%REC	YES			1	D1K120206-001S	1319500
STLDEN	20498	11/8/01	02D0292	02D0292-001.004	SODIUM	MD1	97	%REC	YES			1	D1K120206-001D	1319507
STLDEN	60499	11/12/01	02D0292	02D0292-005.001	SODIUM	MS1	102	%REC	YES			1	D1K150202-001S	132458
STLDEN	60499	11/12/01	02D0292	02D0292-005.001	SODIUM	MD1	101	%REC	YES			1	D1K150202-001D	132458
STLDEN	20498	11/8/01	02D0292	02D0292-001.004	STRONTIUM	MS1	90	%REC	YES			1	D1K120206-001S	1319500
STLDEN	20498	11/8/01	02D0292	02D0292-001.004	STRONTIUM	MD1	93	%REC	YES			1	D1K120206-001D	1319500
STLDEN	00500	11/12/01	02D0292	02D0292-007.004	STRONTIUM	MS1	95	%REC	YES			1	D1K150202-002S	132459
STLDEN	00500	11/12/01	02D0292	02D0292-007.004	STRONTIUM	MD1	93	%REC	YES			1	D1K150202-002D	132459
STLDEN	20498	11/8/01	02D0292	02D0292-001.004	THALLIUM	MS1	97	%REC	YES			1	D1K120206-001S	1319500
STLDEN	20498	11/8/01	02D0292	02D0292-001.004	THALLIUM	MD1	98	%REC	YES			1	D1K120206-001D	1319500
STLDEN	00500	11/12/01	02D0292	02D0292-007.004	THALLIUM	MS1	99	%REC	YES			1	D1K150202-002S	132459
STLDEN	00500	11/12/01	02D0292	02D0292-007.004	THALLIUM	MD1	98	%REC	YES			1	D1K150202-002D	132459

**Table 7-5**  
**Matrix Spike Recovery For Tritium - VOC - Metal - WQP Samples**  
**Groundwater - Fourth Quarter, 2002**

02-RF-00920

Lab	Location	Sample Date	RIN	Bottle #	Analyte	Result Type	Result	Units	Field Filtered	Lab Qual	Detect Limit	Dilution	Lab Sample #	Lab Batch #
STLDEN	20498	11/8/01	02D0292	02D0292-001.004	TIN	MS1	102	%REC	YES			1	D1K120206-001S	1319500
STLDEN	20498	11/8/01	02D0292	02D0292-001.004	TIN	MD1	102	%REC	YES			1	D1K120206-001D	1319500
STLDEN	00500	11/12/01	02D0292	02D0292-007.004	TIN	MS1	101	%REC	YES			1	D1K150202-002S	1324590
STLDEN	00500	11/12/01	02D0292	02D0292-007.004	TIN	MD1	100	%REC	YES			1	D1K150202-002D	1324590
STLDEN	20498	11/8/01	02D0292	02D0292-001.004	URANIUM, TOTAL	MS1	101	%REC	YES			1	D1K120206-001S	1319500
STLDEN	20498	11/8/01	02D0292	02D0292-001.004	URANIUM, TOTAL	MD1	101	%REC	YES			1	D1K120206-001D	1319500
STLDEN	00500	11/12/01	02D0292	02D0292-007.004	URANIUM, TOTAL	MS1	102	%REC	YES			1	D1K150202-002S	1324590
STLDEN	00500	11/12/01	02D0292	02D0292-007.004	URANIUM, TOTAL	MD1	101	%REC	YES			1	D1K150202-002D	1324590
STLDEN	20498	11/8/01	02D0292	02D0292-001.004	VANADIUM	MS1	96	%REC	YES			1	D1K120206-001S	1319500
STLDEN	20498	11/8/01	02D0292	02D0292-001.004	VANADIUM	MD1	97	%REC	YES			1	D1K120206-001D	1319500
STLDEN	00500	11/12/01	02D0292	02D0292-007.004	VANADIUM	MS1	99	%REC	YES			1	D1K150202-002S	1324590
STLDEN	00500	11/12/01	02D0292	02D0292-007.004	VANADIUM	MD1	97	%REC	YES			1	D1K150202-002D	1324590
STLDEN	20498	11/8/01	02D0292	02D0292-001.004	ZINC	MS1	92	%REC	YES			1	D1K120206-001S	1319500
STLDEN	20498	11/8/01	02D0292	02D0292-001.004	ZINC	MD1	93	%REC	YES			1	D1K120206-001D	1319500
STLDEN	00500	11/12/01	02D0292	02D0292-007.004	ZINC	MS1	101	%REC	YES			1	D1K150202-002S	1324590
STLDEN	00500	11/12/01	02D0292	02D0292-007.004	ZINC	MD1	96	%REC	YES			1	D1K150202-002D	1324590
STLDEN	2386	11/26/01	02D0347	02D0347-003.004	ALUMINUM	MS1	95	%REC	YES			1	D1K270264-002S	1334249
STLDEN	2386	11/26/01	02D0347	02D0347-003.004	ALUMINUM	MD1	96	%REC	YES			1	D1K270264-002D	1334249
STLDEN	86501	11/28/01	02D0347	02D0347-004.005	ALUMINUM	MS1	109	%REC	YES			1	D1K300254-001S	1338392
STLDEN	86501	11/28/01	02D0347	02D0347-004.005	ALUMINUM	MD1	108	%REC	YES			1	D1K300254-001D	1338392
STLDEN	2386	11/26/01	02D0347	02D0347-003.004	ANTIMONY	MS1	104	%REC	YES			1	D1K270264-002S	1334249
STLDEN	2386	11/26/01	02D0347	02D0347-003.004	ANTIMONY	MD1	105	%REC	YES			1	D1K270264-002D	1334249
STLDEN	86501	11/28/01	02D0347	02D0347-004.005	ANTIMONY	MS1	105	%REC	YES			1	D1K300254-001S	1338392
STLDEN	86501	11/28/01	02D0347	02D0347-004.005	ANTIMONY	MD1	103	%REC	YES			1	D1K300254-001D	1338392
STLDEN	2386	11/26/01	02D0347	02D0347-003.004	ARSENIC	MS1	107	%REC	YES			1	D1K270264-002S	1334249
STLDEN	2386	11/26/01	02D0347	02D0347-003.004	ARSENIC	MD1	107	%REC	YES			1	D1K270264-002D	1334249
STLDEN	86501	11/28/01	02D0347	02D0347-004.005	ARSENIC	MS1	106	%REC	YES			1	D1K300254-001S	1338392
STLDEN	86501	11/28/01	02D0347	02D0347-004.005	ARSENIC	MD1	104	%REC	YES			1	D1K300254-001D	1338392
STLDEN	2386	11/26/01	02D0347	02D0347-003.004	BARIUM	MS1	103	%REC	YES			1	D1K270264-002S	1334249
STLDEN	2386	11/26/01	02D0347	02D0347-003.004	BARIUM	MD1	103	%REC	YES			1	D1K270264-002D	1334249
STLDEN	86501	11/28/01	02D0347	02D0347-004.005	BARIUM	MS1	103	%REC	YES			1	D1K300254-001S	1338392
STLDEN	86501	11/28/01	02D0347	02D0347-004.005	BARIUM	MD1	101	%REC	YES			1	D1K300254-001D	1338392
STLDEN	2386	11/26/01	02D0347	02D0347-003.004	BERYLLIUM	MS1	98	%REC	YES			1	D1K270264-002S	1334249
STLDEN	2386	11/26/01	02D0347	02D0347-003.004	BERYLLIUM	MD1	99	%REC	YES			1	D1K270264-002D	1334249
STLDEN	86501	11/28/01	02D0347	02D0347-004.005	BERYLLIUM	MS1	103	%REC	YES			1	D1K300254-001S	1338392
STLDEN	86501	11/28/01	02D0347	02D0347-004.005	BERYLLIUM	MD1	104	%REC	YES			1	D1K300254-001D	1338392
STLDEN	2386	11/26/01	02D0347	02D0347-003.004	CADMIUM	MS1	101	%REC	YES			1	D1K270264-002S	1334249
STLDEN	2386	11/26/01	02D0347	02D0347-003.004	CADMIUM	MD1	101	%REC	YES			1	D1K270264-002D	1334249
STLDEN	86501	11/28/01	02D0347	02D0347-004.005	CADMIUM	MS1	101	%REC	YES			1	D1K300254-001S	1338392
STLDEN	86501	11/28/01	02D0347	02D0347-004.005	CADMIUM	MD1	99	%REC	YES			1	D1K300254-001D	1338392
STLDEN	SW056	11/16/01	02D0347	02D0347-001.004	CALCIUM	MS1	94	%REC	YES			1	D1K270264-001S	1334246
STLDEN	SW056	11/16/01	02D0347	02D0347-001.004	CALCIUM	MD1	95	%REC	YES			1	D1K270264-001D	1334246
STLDEN	86601	11/28/01	02D0347	02D0347-005.004	CALCIUM	MS1	102	%REC	YES			1	D1K300254-002S	1338397
STLDEN	86601	11/28/01	02D0347	02D0347-005.004	CALCIUM	MD1	106	%REC	YES			1	D1K300254-002D	1338397
STLDEN	2386	11/26/01	02D0347	02D0347-003.004	CHROMIUM	MS1	99	%REC	YES			1	D1K270264-002S	1334249
STLDEN	2386	11/26/01	02D0347	02D0347-003.004	CHROMIUM	MD1	98	%REC	YES			1	D1K270264-002D	1334249
STLDEN	86501	11/28/01	02D0347	02D0347-004.005	CHROMIUM	MS1	98	%REC	YES			1	D1K300254-001S	1338392
STLDEN	86501	11/28/01	02D0347	02D0347-004.005	CHROMIUM	MD1	97	%REC	YES			1	D1K300254-001D	1338392
STLDEN	2386	11/26/01	02D0347	02D0347-003.004	COBALT	MS1	98	%REC	YES			1	D1K270264-002S	1334249
STLDEN	2386	11/26/01	02D0347	02D0347-003.004	COBALT	MD1	98	%REC	YES			1	D1K270264-002D	1334249
STLDEN	86501	11/28/01	02D0347	02D0347-004.005	COBALT	MS1	98	%REC	YES			1	D1K300254-001S	1338392
STLDEN	86501	11/28/01	02D0347	02D0347-004.005	COBALT	MD1	97	%REC	YES			1	D1K300254-001D	1338392
STLDEN	2386	11/26/01	02D0347	02D0347-003.004	COPPER	MS1	105	%REC	YES			1	D1K270264-002S	1334249
STLDEN	2386	11/26/01	02D0347	02D0347-003.004	COPPER	MD1	105	%REC	YES			1	D1K270264-002D	1334249
STLDEN	86501	11/28/01	02D0347	02D0347-004.005	COPPER	MS1	105	%REC	YES			1	D1K300254-001S	1338392
STLDEN	86501	11/28/01	02D0347	02D0347-004.005	COPPER	MD1	104	%REC	YES			1	D1K300254-001D	1338392

Table 7-5  
Matrix Spike Recovery For Tritium - VOC - Metal - WQP Samples  
Groundwater - Fourth Quarter, 2002

02-RF-00920

Lab	Location	Sample Date	RIN	Bottle #	Analyte	Result Type	Result	Units	Field Filtered	Lab Qual	Detect Limit	Dilution	Lab Sample #	Lab Batch #
STLDEN	SW056	11/16/01	02D0347	02D0347-001.004	IRON	MS1	96	%REC	YES			1	D1K270264-001S	1334249
STLDEN	SW056	11/16/01	02D0347	02D0347-001.004	IRON	MD1	96	%REC	YES			1	D1K270264-001D	1334249
STLDEN	86601	11/28/01	02D0347	02D0347-005.004	IRON	MS1	100	%REC	YES			1	D1K300254-002S	1338397
STLDEN	86601	11/28/01	02D0347	02D0347-005.004	IRON	MD1	101	%REC	YES			1	D1K300254-002D	1338397
STLDEN	2386	11/26/01	02D0347	02D0347-003.004	LEAD	MS1	103	%REC	YES			1	D1K270264-002S	1334249
STLDEN	2386	11/26/01	02D0347	02D0347-003.004	LEAD	MD1	103	%REC	YES			1	D1K270264-002D	1334249
STLDEN	86501	11/28/01	02D0347	02D0347-004.005	LEAD	MS1	102	%REC	YES			1	D1K300254-001S	1338392
STLDEN	86501	11/28/01	02D0347	02D0347-004.005	LEAD	MD1	101	%REC	YES			1	D1K300254-001D	1338392
STLDEN	SW056	11/16/01	02D0347	02D0347-001.004	LITHIUM	MS1	107	%REC	YES			1	D1K270264-001S	1334249
STLDEN	SW056	11/16/01	02D0347	02D0347-001.004	LITHIUM	MD1	106	%REC	YES			1	D1K270264-001D	1334249
STLDEN	86601	11/28/01	02D0347	02D0347-005.004	LITHIUM	MS1	103	%REC	YES			1	D1K300254-002S	1338397
STLDEN	86601	11/28/01	02D0347	02D0347-005.004	LITHIUM	MD1	102	%REC	YES			1	D1K300254-002D	1338397
STLDEN	SW056	11/16/01	02D0347	02D0347-001.004	MAGNESIUM	MS1	104	%REC	YES			1	D1K270264-001S	1334249
STLDEN	SW056	11/16/01	02D0347	02D0347-001.004	MAGNESIUM	MD1	104	%REC	YES			1	D1K270264-001D	1334249
STLDEN	86601	11/28/01	02D0347	02D0347-005.004	MAGNESIUM	MS1	104	%REC	YES			1	D1K300254-002S	1338397
STLDEN	86601	11/28/01	02D0347	02D0347-005.004	MAGNESIUM	MD1	105	%REC	YES			1	D1K300254-002D	1338397
STLDEN	2386	11/26/01	02D0347	02D0347-003.004	MANGANESE	MS1	98	%REC	YES			1	D1K270264-002S	1334249
STLDEN	2386	11/26/01	02D0347	02D0347-003.004	MANGANESE	MD1	97	%REC	YES			1	D1K270264-002D	1334249
STLDEN	86501	11/28/01	02D0347	02D0347-004.005	MANGANESE	MS1	97	%REC	YES			1	D1K300254-001S	1338392
STLDEN	86501	11/28/01	02D0347	02D0347-004.005	MANGANESE	MD1	96	%REC	YES			1	D1K300254-001D	1338392
STLDEN	SW056	11/16/01	02D0347	02D0347-001.004	MERCURY	MS1	53	%REC	YES	N		1	D1K270264-001S	1339218
STLDEN	SW056	11/16/01	02D0347	02D0347-001.004	MERCURY	MD1	53	%REC	YES	N		1	D1K270264-001D	1339218
STLDEN	2386	11/26/01	02D0347	02D0347-003.004	MOLYBDENUM	MS1	98	%REC	YES			1	D1K270264-002S	1334249
STLDEN	2386	11/26/01	02D0347	02D0347-003.004	MOLYBDENUM	MD1	98	%REC	YES			1	D1K270264-002D	1334249
STLDEN	86501	11/28/01	02D0347	02D0347-004.005	MOLYBDENUM	MS1	97	%REC	YES			1	D1K300254-001S	1338392
STLDEN	86501	11/28/01	02D0347	02D0347-004.005	MOLYBDENUM	MD1	96	%REC	YES			1	D1K300254-001D	1338392
STLDEN	2386	11/26/01	02D0347	02D0347-003.004	NICKEL	MS1	103	%REC	YES			1	D1K270264-002S	1334249
STLDEN	2386	11/26/01	02D0347	02D0347-003.004	NICKEL	MD1	103	%REC	YES			1	D1K270264-002D	1334249
STLDEN	86501	11/28/01	02D0347	02D0347-004.005	NICKEL	MS1	103	%REC	YES			1	D1K300254-001S	1338392
STLDEN	86501	11/28/01	02D0347	02D0347-004.005	NICKEL	MD1	102	%REC	YES			1	D1K300254-001D	1338392
STLDEN	SW056	11/16/01	02D0347	02D0347-001.004	POTASSIUM	MS1	105	%REC	YES			1	D1K270264-001S	1334249
STLDEN	SW056	11/16/01	02D0347	02D0347-001.004	POTASSIUM	MD1	104	%REC	YES			1	D1K270264-001D	1334249
STLDEN	86601	11/28/01	02D0347	02D0347-005.004	POTASSIUM	MS1	102	%REC	YES			1	D1K300254-002S	1338397
STLDEN	86601	11/28/01	02D0347	02D0347-005.004	POTASSIUM	MD1	101	%REC	YES			1	D1K300254-002D	1338397
STLDEN	2386	11/26/01	02D0347	02D0347-003.004	SELENIUM	MS1	114	%REC	YES	N		1	D1K270264-002S	1334249
STLDEN	2386	11/26/01	02D0347	02D0347-003.004	SELENIUM	MD1	113	%REC	YES	N		1	D1K270264-002D	1334249
STLDEN	86501	11/28/01	02D0347	02D0347-004.005	SELENIUM	MS1	112	%REC	YES	N		1	D1K300254-001S	1338397
STLDEN	86501	11/28/01	02D0347	02D0347-004.005	SELENIUM	MD1	110	%REC	YES			1	D1K300254-001D	1338397
STLDEN	2386	11/26/01	02D0347	02D0347-003.004	SILVER	MS1	108	%REC	YES			1	D1K270264-002S	1334249
STLDEN	2386	11/26/01	02D0347	02D0347-003.004	SILVER	MD1	108	%REC	YES			1	D1K270264-002D	1334249
STLDEN	86501	11/28/01	02D0347	02D0347-004.005	SILVER	MS1	108	%REC	YES			1	D1K300254-001S	1338397
STLDEN	86501	11/28/01	02D0347	02D0347-004.005	SILVER	MD1	108	%REC	YES			1	D1K300254-001D	1338392
STLDEN	SW056	11/16/01	02D0347	02D0347-001.004	SODIUM	MS1	103	%REC	YES			1	D1K270264-001S	1334249
STLDEN	SW056	11/16/01	02D0347	02D0347-001.004	SODIUM	MD1	104	%REC	YES			1	D1K270264-001D	1334249
STLDEN	86601	11/28/01	02D0347	02D0347-005.004	SODIUM	MS1	102	%REC	YES			1	D1K300254-002S	1338397
STLDEN	86601	11/28/01	02D0347	02D0347-005.004	SODIUM	MD1	104	%REC	YES			1	D1K300254-002D	1338397
STLDEN	2386	11/26/01	02D0347	02D0347-003.004	STRONTIUM	MS1	102	%REC	YES			1	D1K270264-002S	1334249
STLDEN	2386	11/26/01	02D0347	02D0347-003.004	STRONTIUM	MD1	101	%REC	YES			1	D1K270264-002D	1334249
STLDEN	86501	11/28/01	02D0347	02D0347-004.005	STRONTIUM	MS1	104	%REC	YES			1	D1K300254-001S	1338392
STLDEN	86501	11/28/01	02D0347	02D0347-004.005	STRONTIUM	MD1	101	%REC	YES			1	D1K300254-001D	1338392
STLDEN	2386	11/26/01	02D0347	02D0347-003.004	THALLIUM	MS1	103	%REC	YES			1	D1K270264-002S	1334249
STLDEN	2386	11/26/01	02D0347	02D0347-003.004	THALLIUM	MD1	102	%REC	YES			1	D1K270264-002D	1334249
STLDEN	86501	11/28/01	02D0347	02D0347-004.005	THALLIUM	MS1	102	%REC	YES			1	D1K300254-001S	1338392
STLDEN	86501	11/28/01	02D0347	02D0347-004.005	THALLIUM	MD1	101	%REC	YES			1	D1K300254-001D	1338392
STLDEN	2386	11/26/01	02D0347	02D0347-003.004	TIN	MS1	101	%REC	YES			1	D1K270264-002S	1334249
STLDEN	2386	11/26/01	02D0347	02D0347-003.004	TIN	MD1	101	%REC	YES			1	D1K270264-002D	1334249

Table 7-5  
Matrix Spike Recovery For Tritium - VOC - Metal - WQP Samples  
Groundwater - Fourth Quarter, 2002

02-RF-00920

Lab	Location	Sample Date	RIN	Bottle #	Analyte	Result Type	Result	Units	Field Filtered	Lab Qual	Detect Limit	Dilution	Lab Sample #	Lab Batch #
LDEN	86501	11/28/01	02D0347	02D0347-004.005	TIN	MS1	101	%REC	YES			1	D1K300254-001S	1338392
LDEN	86501	11/28/01	02D0347	02D0347-004.005	TIN	MD1	99	%REC	YES			1	D1K300254-001D	1338392
STLDEN	2386	11/26/01	02D0347	02D0347-003.004	URANIUM, TOTAL	MS1	107	%REC	YES			1	D1K270264-002S	1334249
STLDEN	2386	11/26/01	02D0347	02D0347-003.004	URANIUM, TOTAL	MD1	105	%REC	YES			1	D1K270264-002D	1334249
LDEN	86501	11/28/01	02D0347	02D0347-004.005	URANIUM, TOTAL	MS1	105	%REC	YES			1	D1K300254-001S	1338392
LDEN	86501	11/28/01	02D0347	02D0347-004.005	URANIUM, TOTAL	MD1	103	%REC	YES			1	D1K300254-001D	1338392
STLDEN	2386	11/26/01	02D0347	02D0347-003.004	VANADIUM	MS1	98	%REC	YES			1	D1K270264-002S	1334249
LDEN	2386	11/26/01	02D0347	02D0347-003.004	VANADIUM	MD1	98	%REC	YES			1	D1K270264-002D	1334249
LDEN	86501	11/28/01	02D0347	02D0347-004.005	VANADIUM	MS1	97	%REC	YES			1	D1K300254-001S	1338392
STLDEN	86501	11/28/01	02D0347	02D0347-004.005	VANADIUM	MD1	96	%REC	YES			1	D1K300254-001D	1338392
STLDEN	2386	11/26/01	02D0347	02D0347-003.004	ZINC	MS1	97	%REC	YES			1	D1K270264-002S	1334249
LDEN	2386	11/26/01	02D0347	02D0347-003.004	ZINC	MD1	97	%REC	YES			1	D1K270264-002D	1334249
LDEN	86501	11/28/01	02D0347	02D0347-004.005	ZINC	MS1	94	%REC	YES			1	D1K300254-001S	1338392
STLDEN	86501	11/28/01	02D0347	02D0347-004.005	ZINC	MD1	92	%REC	YES			1	D1K300254-001D	1338392
LDEN	B206989	10/9/01	02D0410	02D0410-003.001	ALUMINUM	MS1	102	%REC	YES			1	D1L050334-001S	1344553
LDEN	B206989	10/9/01	02D0410	02D0410-003.001	ALUMINUM	MD1	102	%REC	YES			1	D1L050334-001D	1344553
STLDEN	B206989	10/9/01	02D0410	02D0410-003.001	ANTIMONY	MS1	106	%REC	YES			1	D1L050334-001S	1344553
STLDEN	B206989	10/9/01	02D0410	02D0410-003.001	ANTIMONY	MD1	107	%REC	YES	N		1	D1L050334-001D	1344553
LDEN	B206989	10/9/01	02D0410	02D0410-003.001	ARSENIC	MS1	110	%REC	YES			1	D1L050334-001S	1344553
LDEN	B206989	10/9/01	02D0410	02D0410-003.001	ARSENIC	MD1	111	%REC	YES	N		1	D1L050334-001D	1344553
STLDEN	B206989	10/9/01	02D0410	02D0410-003.001	BARIUM	MS1	55	%REC	YES	N		1	D1L050334-001S	1344553
STLDEN	B206989	10/9/01	02D0410	02D0410-003.001	BARIUM	MD1	51	%REC	YES	N		1	D1L050334-001D	1344553
LDEN	B206989	10/9/01	02D0410	02D0410-003.001	BERYLLIUM	MS1	89	%REC	YES	N		1	D1L050334-001S	1344553
LDEN	B206989	10/9/01	02D0410	02D0410-003.001	BERYLLIUM	MD1	90	%REC	YES	N		1	D1L050334-001D	1344553
STLDEN	B206989	10/9/01	02D0410	02D0410-003.001	CADMIUM	MS1	95	%REC	YES			1	D1L050334-001S	1344553
LDEN	B206989	10/9/01	02D0410	02D0410-003.001	CADMIUM	MD1	96	%REC	YES			1	D1L050334-001D	1344553
LDEN	B206989	10/9/01	02D0410	02D0410-003.001	CHROMIUM	MS1	95	%REC	YES			1	D1L050334-001S	1344553
STLDEN	B206989	10/9/01	02D0410	02D0410-003.001	CHROMIUM	MD1	96	%REC	YES			1	D1L050334-001D	1344553
STLDEN	B206989	10/9/01	02D0410	02D0410-003.001	COBALT	MS1	97	%REC	YES			1	D1L050334-001S	1344553
LDEN	B206989	10/9/01	02D0410	02D0410-003.001	COBALT	MD1	97	%REC	YES			1	D1L050334-001D	1344553
LDEN	B206989	10/9/01	02D0410	02D0410-003.001	COPPER	MS1	106	%REC	YES			1	D1L050334-001S	1344553
STLDEN	B206989	10/9/01	02D0410	02D0410-003.001	COPPER	MD1	107	%REC	YES			1	D1L050334-001D	1344553
LDEN	B206989	10/9/01	02D0410	02D0410-003.001	LEAD	MS1	83	%REC	YES	N		1	D1L050334-001S	1344553
LDEN	B206989	10/9/01	02D0410	02D0410-003.001	LEAD	MD1	81	%REC	YES	N		1	D1L050334-001D	1344553
STLDEN	B206989	10/9/01	02D0410	02D0410-003.001	MANGANESE	MS1	96	%REC	YES			1	D1L050334-001S	1344553
STLDEN	B206989	10/9/01	02D0410	02D0410-003.001	MANGANESE	MD1	96	%REC	YES			1	D1L050334-001D	1344553
LDEN	B206989	10/9/01	02D0410	02D0410-003.001	MERCURY	MS1	94	%REC	YES			1	D1L050334-001S	1351214
LDEN	B206989	10/9/01	02D0410	02D0410-003.001	MERCURY	MD1	95	%REC	YES			1	D1L050334-001D	1351214
STLDEN	B206989	10/9/01	02D0410	02D0410-003.001	MOLYBDENUM	MS1	98	%REC	YES			1	D1L050334-001S	1344553
LDEN	B206989	10/9/01	02D0410	02D0410-003.001	MOLYBDENUM	MD1	99	%REC	YES			1	D1L050334-001D	1344553
LDEN	B206989	10/9/01	02D0410	02D0410-003.001	NICKEL	MS1	97	%REC	YES			1	D1L050334-001S	1344553
STLDEN	B206989	10/9/01	02D0410	02D0410-003.001	NICKEL	MD1	97	%REC	YES			1	D1L050334-001D	1344553
STLDEN	B206989	10/9/01	02D0410	02D0410-003.001	SELENIUM	MS1	124	%REC	YES	N		1	D1L050334-001S	1344553
LDEN	B206989	10/9/01	02D0410	02D0410-003.001	SELENIUM	MD1	124	%REC	YES	N		1	D1L050334-001D	1344553
LDEN	B206989	10/9/01	02D0410	02D0410-003.001	SILVER	MS1	108	%REC	YES			1	D1L050334-001S	1344553
STLDEN	B206989	10/9/01	02D0410	02D0410-003.001	SILVER	MD1	109	%REC	YES			1	D1L050334-001D	1344553
LDEN	B206989	10/9/01	02D0410	02D0410-003.001	STRONTIUM	MS1	78	%REC	YES	N		5	D1L050334-001S	1344553
LDEN	B206989	10/9/01	02D0410	02D0410-003.001	STRONTIUM	MD1	89	%REC	YES			5	D1L050334-001D	1344553
STLDEN	B206989	10/9/01	02D0410	02D0410-003.001	THALLIUM	MS1	96	%REC	YES			1	D1L050334-001S	1344553
STLDEN	B206989	10/9/01	02D0410	02D0410-003.001	THALLIUM	MD1	96	%REC	YES			1	D1L050334-001D	1344553
LDEN	B206989	10/9/01	02D0410	02D0410-003.001	TIN	MS1	101	%REC	YES			1	D1L050334-001S	1344553
LDEN	B206989	10/9/01	02D0410	02D0410-003.001	TIN	MD1	101	%REC	YES			1	D1L050334-001D	1344553
STLDEN	B206989	10/9/01	02D0410	02D0410-003.001	URANIUM, TOTAL	MS1	100	%REC	YES			1	D1L050334-001S	1344553
LDEN	B206989	10/9/01	02D0410	02D0410-003.001	URANIUM, TOTAL	MD1	101	%REC	YES			1	D1L050334-001D	1344553
LDEN	B206989	10/9/01	02D0410	02D0410-003.001	VANADIUM	MS1	98	%REC	YES			1	D1L050334-001S	1344553
STLDEN	B206989	10/9/01	02D0410	02D0410-003.001	VANADIUM	MD1	99	%REC	YES			1	D1L050334-001D	1344553



Table 7-5  
Matrix Spike Recovery For Tritium - VOC - Metal - WQP Samples  
Groundwater - Fourth Quarter, 2002

02-RF-00920

Lab	Location	Sample Date	RIN	Bottle #	Analyte	Result Type	Result	Units	Field Filtered	Lab Qual	Detect Limit	Dilution	Lab Sample #	Lab Batch #
STLDEN	B206989	10/9/01	02D0410	02D0410-003.001	ZINC	MS1	90	%REC	YES			1	D1L050334-001S	13445
STLDEN	B206989	10/9/01	02D0410	02D0410-003.001	ZINC	MD1	91	%REC	YES			1	D1L050334-001D	13445
STLDEN	GS23	12/12/01	02D0470	02D0470-015.004	ALUMINUM	MS1	99	%REC	YES			1	D1L150195-001S	1352264
STLDEN	GS23	12/12/01	02D0470	02D0470-015.004	ALUMINUM	MD1	99	%REC	YES			1	D1L150195-001D	1352264
STLDEN	37791	12/11/01	02D0470	02D0470-004.004	ALUMINUM	MS2	100	%REC	YES			1	D1L150211-001S	1352421
STLDEN	37791	12/11/01	02D0470	02D0470-004.004	ALUMINUM	MD2	100	%REC	YES			1	D1L150211-001D	1352421
STLDEN	GS23	12/12/01	02D0470	02D0470-015.004	ANTIMONY	MS1	96	%REC	YES			1	D1L150195-001S	1352264
STLDEN	GS23	12/12/01	02D0470	02D0470-015.004	ANTIMONY	MD1	94	%REC	YES			1	D1L150195-001D	1352264
STLDEN	37791	12/11/01	02D0470	02D0470-004.004	ANTIMONY	MS2	100	%REC	YES			1	D1L150211-001S	1352421
STLDEN	37791	12/11/01	02D0470	02D0470-004.004	ANTIMONY	MD2	101	%REC	YES			1	D1L150211-001D	1352421
STLDEN	GS23	12/12/01	02D0470	02D0470-015.004	ARSENIC	MS1	103	%REC	YES			1	D1L150195-001S	1352264
STLDEN	GS23	12/12/01	02D0470	02D0470-015.004	ARSENIC	MD1	102	%REC	YES			1	D1L150195-001D	1352264
STLDEN	37791	12/11/01	02D0470	02D0470-004.004	ARSENIC	MS2	104	%REC	YES			1	D1L150211-001S	1352421
STLDEN	37791	12/11/01	02D0470	02D0470-004.004	ARSENIC	MD2	105	%REC	YES			1	D1L150211-001D	1352421
STLDEN	GS23	12/12/01	02D0470	02D0470-015.004	BARIIUM	MS1	101	%REC	YES			1	D1L150195-001S	1352264
STLDEN	GS23	12/12/01	02D0470	02D0470-015.004	BARIIUM	MD1	101	%REC	YES			1	D1L150195-001D	1352264
STLDEN	37791	12/11/01	02D0470	02D0470-004.004	BARIIUM	MS2	98	%REC	YES			1	D1L150211-001S	1352421
STLDEN	37791	12/11/01	02D0470	02D0470-004.004	BARIIUM	MD2	99	%REC	YES			1	D1L150211-001D	1352421
STLDEN	GS23	12/12/01	02D0470	02D0470-015.004	BERYLLIUM	MS1	94	%REC	YES			1	D1L150195-001S	1352264
STLDEN	GS23	12/12/01	02D0470	02D0470-015.004	BERYLLIUM	MD1	94	%REC	YES			1	D1L150195-001D	1352264
STLDEN	37791	12/11/01	02D0470	02D0470-004.004	BERYLLIUM	MS2	94	%REC	YES			1	D1L150211-001S	1352421
STLDEN	37791	12/11/01	02D0470	02D0470-004.004	BERYLLIUM	MD2	95	%REC	YES			1	D1L150211-001D	1352421
STLDEN	GS23	12/12/01	02D0470	02D0470-015.004	CADMIUM	MS1	98	%REC	YES			1	D1L150195-001S	1352264
STLDEN	GS23	12/12/01	02D0470	02D0470-015.004	CADMIUM	MD1	97	%REC	YES			1	D1L150195-001D	1352264
STLDEN	37791	12/11/01	02D0470	02D0470-004.004	CADMIUM	MS2	95	%REC	YES			1	D1L150211-001S	1352421
STLDEN	37791	12/11/01	02D0470	02D0470-004.004	CADMIUM	MD2	96	%REC	YES			1	D1L150211-001D	1352421
STLDEN	GS23	12/12/01	02D0470	02D0470-015.005	CALCIUM	MS1	93	%REC	NO			1	D1L150195-002S	1352266
STLDEN	GS23	12/12/01	02D0470	02D0470-015.005	CALCIUM	MD1	88	%REC	NO			1	D1L150195-002D	1352266
STLDEN	99301	12/6/01	02D0470	02D0470-001.004	CALCIUM	MS1	98	%REC	YES			1	D1L120330-001S	1352377
STLDEN	99301	12/6/01	02D0470	02D0470-001.004	CALCIUM	MD1	98	%REC	YES			1	D1L120330-001D	1352377
STLDEN	GS23	12/12/01	02D0470	02D0470-015.004	CHROMIUM	MS1	98	%REC	YES			1	D1L150195-001S	1352264
STLDEN	GS23	12/12/01	02D0470	02D0470-015.004	CHROMIUM	MD1	97	%REC	YES			1	D1L150195-001D	1352264
STLDEN	37791	12/11/01	02D0470	02D0470-004.004	CHROMIUM	MS2	95	%REC	YES			1	D1L150211-001S	1352421
STLDEN	37791	12/11/01	02D0470	02D0470-004.004	CHROMIUM	MD2	97	%REC	YES			1	D1L150211-001D	1352421
STLDEN	GS23	12/12/01	02D0470	02D0470-015.004	COBALT	MS1	97	%REC	YES			1	D1L150195-001S	1352264
STLDEN	GS23	12/12/01	02D0470	02D0470-015.004	COBALT	MD1	96	%REC	YES			1	D1L150195-001D	1352264
STLDEN	37791	12/11/01	02D0470	02D0470-004.004	COBALT	MS2	95	%REC	YES			1	D1L150211-001S	1352421
STLDEN	37791	12/11/01	02D0470	02D0470-004.004	COBALT	MD2	96	%REC	YES			1	D1L150211-001D	1352421
STLDEN	GS23	12/12/01	02D0470	02D0470-015.004	COPPER	MS1	102	%REC	YES			1	D1L150195-001S	1352264
STLDEN	GS23	12/12/01	02D0470	02D0470-015.004	COPPER	MD1	101	%REC	YES			1	D1L150195-001D	1352264
STLDEN	37791	12/11/01	02D0470	02D0470-004.004	COPPER	MS2	97	%REC	YES			1	D1L150211-001S	1352421
STLDEN	37791	12/11/01	02D0470	02D0470-004.004	COPPER	MD2	98	%REC	YES			1	D1L150211-001D	1352421
STLDEN	GS23	12/12/01	02D0470	02D0470-015.005	IRON	MS1	90	%REC	NO	N		1	D1L150195-002S	1352266
STLDEN	GS23	12/12/01	02D0470	02D0470-015.005	IRON	MD1	78	%REC	NO	N		1	D1L150195-002D	1352266
STLDEN	99301	12/6/01	02D0470	02D0470-001.004	IRON	MS1	98	%REC	YES			1	D1L120330-001S	1352377
STLDEN	99301	12/6/01	02D0470	02D0470-001.004	IRON	MD1	98	%REC	YES			1	D1L120330-001D	1352377
STLDEN	GS23	12/12/01	02D0470	02D0470-015.004	LEAD	MS1	99	%REC	YES			1	D1L150195-001S	1352264
STLDEN	GS23	12/12/01	02D0470	02D0470-015.004	LEAD	MD1	98	%REC	YES			1	D1L150195-001D	1352264
STLDEN	37791	12/11/01	02D0470	02D0470-004.004	LEAD	MS2	99	%REC	YES			1	D1L150211-001S	1352421
STLDEN	37791	12/11/01	02D0470	02D0470-004.004	LEAD	MD2	100	%REC	YES			1	D1L150211-001D	1352421
STLDEN	GS23	12/12/01	02D0470	02D0470-015.005	LITHIUM	MS1	90	%REC	NO			1	D1L150195-002S	1352266
STLDEN	GS23	12/12/01	02D0470	02D0470-015.005	LITHIUM	MD1	87	%REC	NO			1	D1L150195-002D	1352266
STLDEN	99301	12/6/01	02D0470	02D0470-001.004	LITHIUM	MS1	102	%REC	YES			1	D1L120330-001S	1352377
STLDEN	99301	12/6/01	02D0470	02D0470-001.004	LITHIUM	MD1	102	%REC	YES			1	D1L120330-001D	1352377
STLDEN	GS23	12/12/01	02D0470	02D0470-015.005	MAGNESIUM	MS1	92	%REC	NO	N		1	D1L150195-002S	1352266
STLDEN	GS23	12/12/01	02D0470	02D0470-015.005	MAGNESIUM	MD1	88	%REC	NO	N		1	D1L150195-002D	1352266

Table 7-5  
Matrix Spike Recovery For Tritium - VOC - Metal - WQP Samples  
Groundwater - Fourth Quarter, 2002

02-RF-00920

Lab	Location	Sample Date	RIN	Bottle #	Analyte	Result Type	Result	Units	Field Filtered	Lab Qual	Detect Limit	Dilution	Lab Sample #	Lab Batch #
STLDEN	99301	12/6/01	02D0470	02D0470-001.004	MAGNESIUM	MS1	102	%REC	YES			1	D1L120330-001S	1352377
STLDEN	99301	12/6/01	02D0470	02D0470-001.004	MAGNESIUM	MD1	103	%REC	YES			1	D1L120330-001D	1352377
STLDEN	GS23	12/12/01	02D0470	02D0470-015.004	MANGANESE	MS1	98	%REC	YES			1	D1L150195-001S	1352264
STLDEN	GS23	12/12/01	02D0470	02D0470-015.004	MANGANESE	MD1	97	%REC	YES			1	D1L150195-001D	1352264
STLDEN	37791	12/11/01	02D0470	02D0470-004.004	MANGANESE	MS2	95	%REC	YES			1	D1L150211-001S	1352421
STLDEN	37791	12/11/01	02D0470	02D0470-004.004	MANGANESE	MD2	96	%REC	YES			1	D1L150211-001D	1352421
STLDEN			02D0470		MERCURY	MS1	94	%REC				1	D1L050334-001S	1351214
STLDEN			02D0470		MERCURY	MD1	95	%REC				1	D1L050334-001D	1351214
STLDEN	GS23	12/12/01	02D0470	02D0470-015.004	MOLYBDENUM	MS1	96	%REC	YES			1	D1L150195-001S	1352264
STLDEN	GS23	12/12/01	02D0470	02D0470-015.004	MOLYBDENUM	MD1	96	%REC	YES			1	D1L150195-001D	1352264
STLDEN	37791	12/11/01	02D0470	02D0470-004.004	MOLYBDENUM	MS2	95	%REC	YES			1	D1L150211-001S	1352421
STLDEN	37791	12/11/01	02D0470	02D0470-004.004	MOLYBDENUM	MD2	96	%REC	YES			1	D1L150211-001D	1352421
STLDEN	GS23	12/12/01	02D0470	02D0470-015.004	NICKEL	MS1	100	%REC	YES			1	D1L150195-001S	1352264
STLDEN	GS23	12/12/01	02D0470	02D0470-015.004	NICKEL	MD1	99	%REC	YES			1	D1L150195-001D	1352264
STLDEN	37791	12/11/01	02D0470	02D0470-004.004	NICKEL	MS2	96	%REC	YES			1	D1L150211-001S	1352421
STLDEN	37791	12/11/01	02D0470	02D0470-004.004	NICKEL	MD2	97	%REC	YES			1	D1L150211-001D	1352421
STLDEN	GS23	12/12/01	02D0470	02D0470-015.005	POTASSIUM	MS1	90	%REC	NO			1	D1L150195-002S	1352266
STLDEN	GS23	12/12/01	02D0470	02D0470-015.005	POTASSIUM	MD1	86	%REC	NO	N		1	D1L150195-002D	1352266
STLDEN	99301	12/6/01	02D0470	02D0470-001.004	POTASSIUM	MS1	100	%REC	YES			1	D1L120330-001S	1352377
STLDEN	99301	12/6/01	02D0470	02D0470-001.004	POTASSIUM	MD1	101	%REC	YES			1	D1L120330-001D	1352377
STLDEN	GS23	12/12/01	02D0470	02D0470-015.004	SELENIUM	MS1	106	%REC	YES			1	D1L150195-001S	1352264
STLDEN	GS23	12/12/01	02D0470	02D0470-015.004	SELENIUM	MD1	106	%REC	YES			1	D1L150195-001D	1352264
STLDEN	37791	12/11/01	02D0470	02D0470-004.004	SELENIUM	MS2	110	%REC	YES			1	D1L150211-001S	1352421
STLDEN	37791	12/11/01	02D0470	02D0470-004.004	SELENIUM	MD2	110	%REC	YES			1	D1L150211-001D	1352421
STLDEN	GS23	12/12/01	02D0470	02D0470-015.004	SILVER	MS1	101	%REC	YES			1	D1L150195-001S	1352264
STLDEN	GS23	12/12/01	02D0470	02D0470-015.004	SILVER	MD1	101	%REC	YES			1	D1L150195-001D	1352264
STLDEN	37791	12/11/01	02D0470	02D0470-004.004	SILVER	MS2	100	%REC	YES			1	D1L150211-001S	1352421
STLDEN	37791	12/11/01	02D0470	02D0470-004.004	SILVER	MD2	101	%REC	YES			1	D1L150211-001D	1352421
STLDEN	GS23	12/12/01	02D0470	02D0470-015.005	SODIUM	MS1	92	%REC	NO			1	D1L150195-002S	1352266
STLDEN	GS23	12/12/01	02D0470	02D0470-015.005	SODIUM	MD1	88	%REC	NO	N		1	D1L150195-002D	1352266
STLDEN	99301	12/6/01	02D0470	02D0470-001.004	SODIUM	MS1	100	%REC	YES			1	D1L120330-001S	1352377
STLDEN	99301	12/6/01	02D0470	02D0470-001.004	SODIUM	MD1	106	%REC	YES			1	D1L120330-001D	1352377
STLDEN	GS23	12/12/01	02D0470	02D0470-015.004	STRONTIUM	MS1	102	%REC	YES			1	D1L150195-001S	1352264
STLDEN	GS23	12/12/01	02D0470	02D0470-015.004	STRONTIUM	MD1	101	%REC	YES			1	D1L150195-001D	1352264
STLDEN	37791	12/11/01	02D0470	02D0470-004.004	STRONTIUM	MS2	92	%REC	YES			1	D1L150211-001S	1352421
STLDEN	37791	12/11/01	02D0470	02D0470-004.004	STRONTIUM	MD2	93	%REC	YES			1	D1L150211-001D	1352421
STLDEN	GS23	12/12/01	02D0470	02D0470-015.004	THALLIUM	MS1	99	%REC	YES			1	D1L150195-001S	1352264
STLDEN	GS23	12/12/01	02D0470	02D0470-015.004	THALLIUM	MD1	99	%REC	YES			1	D1L150195-001D	1352264
STLDEN	37791	12/11/01	02D0470	02D0470-004.004	THALLIUM	MS2	97	%REC	YES			1	D1L150211-001S	1352421
STLDEN	37791	12/11/01	02D0470	02D0470-004.004	THALLIUM	MD2	98	%REC	YES			1	D1L150211-001D	1352421
STLDEN	GS23	12/12/01	02D0470	02D0470-015.004	TIN	MS1	99	%REC	YES			1	D1L150195-001S	1352264
STLDEN	GS23	12/12/01	02D0470	02D0470-015.004	TIN	MD1	98	%REC	YES			1	D1L150195-001D	1352264
STLDEN	37791	12/11/01	02D0470	02D0470-004.004	TIN	MS2	97	%REC	YES			1	D1L150211-001S	1352421
STLDEN	37791	12/11/01	02D0470	02D0470-004.004	TIN	MD2	98	%REC	YES			1	D1L150211-001D	1352421
STLDEN	GS23	12/12/01	02D0470	02D0470-015.004	URANIUM, TOTAL	MS1	105	%REC	YES			1	D1L150195-001S	1352264
STLDEN	GS23	12/12/01	02D0470	02D0470-015.004	URANIUM, TOTAL	MD1	105	%REC	YES			1	D1L150195-001D	1352264
STLDEN	37791	12/11/01	02D0470	02D0470-004.004	URANIUM, TOTAL	MS2	104	%REC	YES			1	D1L150211-001S	1352421
STLDEN	37791	12/11/01	02D0470	02D0470-004.004	URANIUM, TOTAL	MD2	105	%REC	YES			1	D1L150211-001D	1352421
STLDEN	GS23	12/12/01	02D0470	02D0470-015.004	VANADIUM	MS1	98	%REC	YES			1	D1L150195-001S	1352264
STLDEN	GS23	12/12/01	02D0470	02D0470-015.004	VANADIUM	MD1	97	%REC	YES			1	D1L150195-001D	1352264
STLDEN	37791	12/11/01	02D0470	02D0470-004.004	VANADIUM	MS2	98	%REC	YES			1	D1L150211-001S	1352421
STLDEN	37791	12/11/01	02D0470	02D0470-004.004	VANADIUM	MD2	99	%REC	YES			1	D1L150211-001D	1352421
STLDEN	GS23	12/12/01	02D0470	02D0470-015.004	ZINC	MS1	89	%REC	YES			1	D1L150195-001S	1352264
STLDEN	GS23	12/12/01	02D0470	02D0470-015.004	ZINC	MD1	86	%REC	YES			1	D1L150195-001D	1352264
STLDEN	37791	12/11/01	02D0470	02D0470-004.004	ZINC	MS2	91	%REC	YES			1	D1L150211-001S	1352421
STLDEN	37791	12/11/01	02D0470	02D0470-004.004	ZINC	MD2	92	%REC	YES			1	D1L150211-001D	1352421

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**Table 7-5**  
**Matrix Spike Recovery For Tritium - VOC - Metal - WQP Samples**  
**Groundwater - Fourth Quarter, 2002**

02-RF-00920

Lab	Location	Sample Date	RIN	Bottle #	Analyte	Result Type	Result	Units	Field Filtered	Lab Qual	Detect Limit	Dilution	Lab Sample #	Batch #
STLDEN	891COLWEL	12/17/01	02D0527	02D0527-001.004	ALUMINUM	MS1	100	%REC	YES			1	D1L180289-001S	1361398
STLDEN	891COLWEL	12/17/01	02D0527	02D0527-001.004	ALUMINUM	MD1	100	%REC	YES			1	D1L180289-001D	1361398
STLDEN	891COLWEL	12/17/01	02D0527	02D0527-001.004	ANTIMONY	MS1	102	%REC	YES			1	D1L180289-001S	1361398
STLDEN	891COLWEL	12/17/01	02D0527	02D0527-001.004	ANTIMONY	MD1	102	%REC	YES			1	D1L180289-001D	1361398
STLDEN	891COLWEL	12/17/01	02D0527	02D0527-001.004	ARSENIC	MS1	105	%REC	YES			1	D1L180289-001S	1361398
STLDEN	891COLWEL	12/17/01	02D0527	02D0527-001.004	ARSENIC	MD1	104	%REC	YES			1	D1L180289-001D	1361398
STLDEN	891COLWEL	12/17/01	02D0527	02D0527-001.004	BARIIUM	MS1	97	%REC	YES			1	D1L180289-001S	1361398
STLDEN	891COLWEL	12/17/01	02D0527	02D0527-001.004	BARIIUM	MD1	97	%REC	YES			1	D1L180289-001D	1361398
STLDEN	891COLWEL	12/17/01	02D0527	02D0527-001.004	BERYLLIUM	MS1	93	%REC	YES			1	D1L180289-001S	1361398
STLDEN	891COLWEL	12/17/01	02D0527	02D0527-001.004	BERYLLIUM	MD1	94	%REC	YES			1	D1L180289-001D	1361398
STLDEN	891COLWEL	12/17/01	02D0527	02D0527-001.004	CADMIUM	MS1	95	%REC	YES			1	D1L180289-001S	1361398
STLDEN	891COLWEL	12/17/01	02D0527	02D0527-001.004	CADMIUM	MD1	95	%REC	YES			1	D1L180289-001D	1361398
STLDEN	891COLWEL	12/17/01	02D0527	02D0527-001.004	CALCIUM	MS1	87	%REC	YES	N		1	D1L180289-001S	1361398
STLDEN	891COLWEL	12/17/01	02D0527	02D0527-001.004	CALCIUM	MD1	86	%REC	YES	N		1	D1L180289-001D	1361398
STLDEN	891COLWEL	12/17/01	02D0527	02D0527-001.004	CHROMIUM	MS1	96	%REC	YES			1	D1L180289-001S	1361398
STLDEN	891COLWEL	12/17/01	02D0527	02D0527-001.004	CHROMIUM	MD1	96	%REC	YES			1	D1L180289-001D	1361398
STLDEN	891COLWEL	12/17/01	02D0527	02D0527-001.004	COBALT	MS1	95	%REC	YES			1	D1L180289-001S	1361398
STLDEN	891COLWEL	12/17/01	02D0527	02D0527-001.004	COBALT	MD1	95	%REC	YES			1	D1L180289-001D	1361398
STLDEN	891COLWEL	12/17/01	02D0527	02D0527-001.004	COPPER	MS1	99	%REC	YES			1	D1L180289-001S	1361398
STLDEN	891COLWEL	12/17/01	02D0527	02D0527-001.004	COPPER	MD1	99	%REC	YES			1	D1L180289-001D	1361398
STLDEN	891COLWEL	12/17/01	02D0527	02D0527-001.004	IRON	MS1	94	%REC	YES			1	D1L180289-001S	1361398
STLDEN	891COLWEL	12/17/01	02D0527	02D0527-001.004	IRON	MD1	94	%REC	YES			1	D1L180289-001D	1361398
STLDEN	891COLWEL	12/17/01	02D0527	02D0527-001.004	LEAD	MS1	98	%REC	YES			1	D1L180289-001S	1361398
STLDEN	891COLWEL	12/17/01	02D0527	02D0527-001.004	LEAD	MD1	98	%REC	YES			1	D1L180289-001D	1361398
STLDEN	891COLWEL	12/17/01	02D0527	02D0527-001.004	LITHIUM	MS1	102	%REC	YES			1	D1L180289-001S	1361398
STLDEN	891COLWEL	12/17/01	02D0527	02D0527-001.004	LITHIUM	MD1	102	%REC	YES			1	D1L180289-001D	1361398
STLDEN	891COLWEL	12/17/01	02D0527	02D0527-001.004	MAGNESIUM	MS1	101	%REC	YES			1	D1L180289-001S	1361398
STLDEN	891COLWEL	12/17/01	02D0527	02D0527-001.004	MAGNESIUM	MD1	101	%REC	YES			1	D1L180289-001D	1361398
STLDEN	891COLWEL	12/17/01	02D0527	02D0527-001.004	MANGANESE	MS1	95	%REC	YES			1	D1L180289-001S	1361398
STLDEN	891COLWEL	12/17/01	02D0527	02D0527-001.004	MANGANESE	MD1	96	%REC	YES			1	D1L180289-001D	1361398
STLDEN	891COLWEL	12/17/01	02D0527	02D0527-001.004	MERCURY	MS1	98	%REC	YES			1	D1L180289-001S	2002223
STLDEN	891COLWEL	12/17/01	02D0527	02D0527-001.004	MERCURY	MD1	97	%REC	YES			1	D1L180289-001D	2002223
STLDEN	891COLWEL	12/17/01	02D0527	02D0527-001.004	MOLYBDENUM	MS1	96	%REC	YES			1	D1L180289-001S	1361398
STLDEN	891COLWEL	12/17/01	02D0527	02D0527-001.004	MOLYBDENUM	MD1	96	%REC	YES			1	D1L180289-001D	1361398
STLDEN	891COLWEL	12/17/01	02D0527	02D0527-001.004	NICKEL	MS1	96	%REC	YES			1	D1L180289-001S	1361398
STLDEN	891COLWEL	12/17/01	02D0527	02D0527-001.004	NICKEL	MD1	96	%REC	YES			1	D1L180289-001D	1361398
STLDEN	891COLWEL	12/17/01	02D0527	02D0527-001.004	POTASSIUM	MS1	100	%REC	YES			1	D1L180289-001S	1361398
STLDEN	891COLWEL	12/17/01	02D0527	02D0527-001.004	POTASSIUM	MD1	101	%REC	YES			1	D1L180289-001D	1361398
STLDEN	891COLWEL	12/17/01	02D0527	02D0527-001.004	SELENIUM	MS1	108	%REC	YES			1	D1L180289-001S	1361398
STLDEN	891COLWEL	12/17/01	02D0527	02D0527-001.004	SELENIUM	MD1	108	%REC	YES			1	D1L180289-001D	1361398
STLDEN	891COLWEL	12/17/01	02D0527	02D0527-001.004	SILVER	MS1	103	%REC	YES			1	D1L180289-001S	1361398
STLDEN	891COLWEL	12/17/01	02D0527	02D0527-001.004	SILVER	MD1	102	%REC	YES			1	D1L180289-001D	1361398
STLDEN	891COLWEL	12/17/01	02D0527	02D0527-001.004	SODIUM	MS1	102	%REC	YES			1	D1L180289-001S	1361398
STLDEN	891COLWEL	12/17/01	02D0527	02D0527-001.004	SODIUM	MD1	102	%REC	YES			1	D1L180289-001D	1361398
STLDEN	891COLWEL	12/17/01	02D0527	02D0527-001.004	STRONTIUM	MS1	97	%REC	YES			1	D1L180289-001S	1361398
STLDEN	891COLWEL	12/17/01	02D0527	02D0527-001.004	STRONTIUM	MD1	96	%REC	YES			1	D1L180289-001D	1361398
STLDEN	891COLWEL	12/17/01	02D0527	02D0527-001.004	THALLIUM	MS1	96	%REC	YES			1	D1L180289-001S	1361398
STLDEN	891COLWEL	12/17/01	02D0527	02D0527-001.004	THALLIUM	MD1	96	%REC	YES			1	D1L180289-001D	1361398
STLDEN	891COLWEL	12/17/01	02D0527	02D0527-001.004	TIN	MS1	100	%REC	YES			1	D1L180289-001S	1361398
STLDEN	891COLWEL	12/17/01	02D0527	02D0527-001.004	TIN	MD1	100	%REC	YES			1	D1L180289-001D	1361398
STLDEN	891COLWEL	12/17/01	02D0527	02D0527-001.004	URANIUM, TOTAL	MS1	103	%REC	YES			1	D1L180289-001S	1361398
STLDEN	891COLWEL	12/17/01	02D0527	02D0527-001.004	URANIUM, TOTAL	MD1	103	%REC	YES			1	D1L180289-001D	1361398
STLDEN	891COLWEL	12/17/01	02D0527	02D0527-001.004	VANADIUM	MS1	97	%REC	YES			1	D1L180289-001S	1361398
STLDEN	891COLWEL	12/17/01	02D0527	02D0527-001.004	VANADIUM	MD1	97	%REC	YES			1	D1L180289-001D	1361398
STLDEN	891COLWEL	12/17/01	02D0527	02D0527-001.004	ZINC	MS1	93	%REC	YES			1	D1L180289-001S	1361398
STLDEN	891COLWEL	12/17/01	02D0527	02D0527-001.004	ZINC	MD1	93	%REC	YES			1	D1L180289-001D	1361398



Table 7-5  
Matrix Spike Recovery For Tritium - VOC - Metal - WQP Samples  
Groundwater - Fourth Quarter, 2002

02-RF-00920

Lab	Location	Sample Date	RIN	Bottle #	Analyte	Result Type	Result	Units	Field Filtered	Lab Qual	Detect Limit	Dilution	Lab Sample #	Lab Batch #
LDEN	83201	12/27/01	02D0577	02D0577-001.002	ALUMINUM	MS1	96	%REC	YES			1	D1L270233-001S	2002358
LDEN	83201	12/27/01	02D0577	02D0577-001.002	ALUMINUM	MD1	92	%REC	YES			1	D1L270233-001D	2002358
STLDEN	83201	12/27/01	02D0577	02D0577-001.002	ANTIMONY	MS1	112	%REC	YES	N		1	D1L270233-001S	2002358
STLDEN	83201	12/27/01	02D0577	02D0577-001.002	ANTIMONY	MD1	107	%REC	YES	N		1	D1L270233-001D	2002358
LDEN	83201	12/27/01	02D0577	02D0577-001.002	ARSENIC	MS1	116	%REC	YES	N		1	D1L270233-001S	2002358
LDEN	83201	12/27/01	02D0577	02D0577-001.002	ARSENIC	MD1	109	%REC	YES			1	D1L270233-001D	2002358
STLDEN	83201	12/27/01	02D0577	02D0577-001.002	BARIUM	MS1	56	%REC	YES	N		1	D1L270233-001S	2002358
LDEN	83201	12/27/01	02D0577	02D0577-001.002	BARIUM	MD1	50	%REC	YES	N		1	D1L270233-001D	2002358
LDEN	83201	12/27/01	02D0577	02D0577-001.002	BERYLLIUM	MS1	95	%REC	YES			1	D1L270233-001S	2002358
STLDEN	83201	12/27/01	02D0577	02D0577-001.002	BERYLLIUM	MD1	90	%REC	YES	N		1	D1L270233-001D	2002358
STLDEN	83201	12/27/01	02D0577	02D0577-001.002	CADMIUM	MS1	99	%REC	YES			1	D1L270233-001S	2002358
LDEN	83201	12/27/01	02D0577	02D0577-001.002	CADMIUM	MD1	93	%REC	YES			1	D1L270233-001D	2002358
LDEN	56201	12/27/01	02D0577	02D0577-003.003	CALCIUM	MS1	86	%REC	YES	N		1	D1L270233-002S	2002361
STLDEN	56201	12/27/01	02D0577	02D0577-003.003	CALCIUM	MD1	92	%REC	YES			1	D1L270233-002D	2002361
LDEN	83201	12/27/01	02D0577	02D0577-001.002	CHROMIUM	MS1	102	%REC	YES			1	D1L270233-001S	2002358
LDEN	83201	12/27/01	02D0577	02D0577-001.002	CHROMIUM	MD1	97	%REC	YES			1	D1L270233-001D	2002358
STLDEN	83201	12/27/01	02D0577	02D0577-001.002	COBALT	MS1	103	%REC	YES			1	D1L270233-001S	2002358
STLDEN	83201	12/27/01	02D0577	02D0577-001.002	COBALT	MD1	97	%REC	YES			1	D1L270233-001D	2002358
LDEN	83201	12/27/01	02D0577	02D0577-001.002	COPPER	MS1	106	%REC	YES			1	D1L270233-001S	2002358
LDEN	83201	12/27/01	02D0577	02D0577-001.002	COPPER	MD1	101	%REC	YES			1	D1L270233-001D	2002358
STLDEN	56201	12/27/01	02D0577	02D0577-003.003	IRON	MS1	90	%REC	YES	N		1	D1L270233-002S	2002361
STLDEN	56201	12/27/01	02D0577	02D0577-003.003	IRON	MD1	91	%REC	YES	N		1	D1L270233-002D	2002361
LDEN	83201	12/27/01	02D0577	02D0577-001.002	LEAD	MS1	92	%REC	YES			1	D1L270233-001S	2002358
LDEN	83201	12/27/01	02D0577	02D0577-001.002	LEAD	MD1	85	%REC	YES	N		1	D1L270233-001D	2002358
STLDEN	56201	12/27/01	02D0577	02D0577-003.003	LITHIUM	MS1	92	%REC	YES			1	D1L270233-002S	2002361
LDEN	56201	12/27/01	02D0577	02D0577-003.003	LITHIUM	MD1	94	%REC	YES			1	D1L270233-002D	2002361
LDEN	56201	12/27/01	02D0577	02D0577-003.003	MAGNESIUM	MS1	92	%REC	YES	N		1	D1L270233-002S	2002361
STLDEN	56201	12/27/01	02D0577	02D0577-003.003	MAGNESIUM	MD1	95	%REC	YES			1	D1L270233-002D	2002361
STLDEN	83201	12/27/01	02D0577	02D0577-001.002	MANGANESE	MS1	104	%REC	YES			1	D1L270233-001S	2002358
LDEN	83201	12/27/01	02D0577	02D0577-001.002	MANGANESE	MD1	97	%REC	YES			1	D1L270233-001D	2002358
LDEN			02D0577		MERCURY	MS1	98	%REC				1	D1L180289-001S	2002223
STLDEN			02D0577		MERCURY	MD1	97	%REC				1	D1L180289-001D	2002223
LDEN	83201	12/27/01	02D0577	02D0577-001.002	MOLYBDENUM	MS1	105	%REC	YES			1	D1L270233-001S	2002358
LDEN	83201	12/27/01	02D0577	02D0577-001.002	MOLYBDENUM	MD1	98	%REC	YES			1	D1L270233-001D	2002358
STLDEN	83201	12/27/01	02D0577	02D0577-001.002	NICKEL	MS1	102	%REC	YES			1	D1L270233-001S	2002358
STLDEN	83201	12/27/01	02D0577	02D0577-001.002	NICKEL	MD1	96	%REC	YES			1	D1L270233-001D	2002358
LDEN	56201	12/27/01	02D0577	02D0577-003.003	POTASSIUM	MS1	91	%REC	YES			1	D1L270233-002S	2002361
LDEN	56201	12/27/01	02D0577	02D0577-003.003	POTASSIUM	MD1	93	%REC	YES			1	D1L270233-002D	2002361
STLDEN	83201	12/27/01	02D0577	02D0577-001.002	SELENIUM	MS1	128	%REC	YES	N		1	D1L270233-001S	2002358
LDEN	83201	12/27/01	02D0577	02D0577-001.002	SELENIUM	MD1	119	%REC	YES	N		1	D1L270233-001D	2002358
LDEN	83201	12/27/01	02D0577	02D0577-001.002	SILVER	MS1	117	%REC	YES	N		1	D1L270233-001S	2002358
STLDEN	83201	12/27/01	02D0577	02D0577-001.002	SILVER	MD1	110	%REC	YES			1	D1L270233-001D	2002358
STLDEN	56201	12/27/01	02D0577	02D0577-003.003	SODIUM	MS1	91	%REC	YES			1	D1L270233-002S	2002361
LDEN	56201	12/27/01	02D0577	02D0577-003.003	SODIUM	MD1	95	%REC	YES			1	D1L270233-002D	2002361
LDEN	83201	12/27/01	02D0577	02D0577-001.002	STRONTIUM	MS1	181	%REC	YES	N		10	D1L270233-001S	2002358
STLDEN	83201	12/27/01	02D0577	02D0577-001.002	STRONTIUM	MD1	92	%REC	YES			10	D1L270233-001D	2002358
LDEN	83201	12/27/01	02D0577	02D0577-001.002	THALLIUM	MS1	100	%REC	YES			1	D1L270233-001S	2002358
LDEN	83201	12/27/01	02D0577	02D0577-001.002	THALLIUM	MD1	94	%REC	YES			1	D1L270233-001D	2002358
STLDEN	83201	12/27/01	02D0577	02D0577-001.002	TIN	MS1	106	%REC	YES			1	D1L270233-001S	2002358
STLDEN	83201	12/27/01	02D0577	02D0577-001.002	TIN	MD1	99	%REC	YES			1	D1L270233-001D	2002358
LDEN	83201	12/27/01	02D0577	02D0577-001.002	URANIUM, TOTAL	MS1	110	%REC	YES			1	D1L270233-001S	2002358
LDEN	83201	12/27/01	02D0577	02D0577-001.002	URANIUM, TOTAL	MD1	103	%REC	YES			1	D1L270233-001D	2002358
STLDEN	83201	12/27/01	02D0577	02D0577-001.002	VANADIUM	MS1	107	%REC	YES			1	D1L270233-001S	2002358
LDEN	83201	12/27/01	02D0577	02D0577-001.002	VANADIUM	MD1	101	%REC	YES			1	D1L270233-001D	2002358
LDEN	83201	12/27/01	02D0577	02D0577-001.002	ZINC	MS1	108	%REC	YES			1	D1L270233-001S	2002358
STLDEN	83201	12/27/01	02D0577	02D0577-001.002	ZINC	MD1	105	%REC	YES			1	D1L270233-001D	2002358

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Table 7-5  
Matrix Spike Recovery For Tritium - VOC - Metal - WQP Samples  
Groundwater - Fourth Quarter, 2002

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Lab	Location	Sample Date	RIN	Bottle #	Analyte	Result Type	Result	Units	Field Filtered	Lab Qual	Detect Limit	Dilution	Lab Sample #	Lab Batch #
Water Quality Parameters (WQPs)														
STLDEN	18199	10/29/01	02D0216	02D0216-004.006	CHLORIDE	MS1	99	%REC	NO			1	D1J300177-004S	13042
STLDEN	18199	10/29/01	02D0216	02D0216-004.006	CHLORIDE	MD1	99	%REC	NO			1	D1J300177-004D	1304240
STLDEN	18799	10/30/01	02D0216	02D0216-006.005	CHLORIDE	MS1	100	%REC	NO			1	D1J310239-002S	1305267
STLDEN	18799	10/30/01	02D0216	02D0216-006.005	CHLORIDE	MD1	101	%REC	NO			1	D1J310239-002D	13052
STLDEN			02D0216		CHLORIDE	MS1	97	%REC				1	D1K010329-003S	13062
STLDEN			02D0216		CHLORIDE	MD1	98	%REC				1	D1K010329-003D	1306283
STLDEN	5887	10/9/01	02D0089	02D0089-006.006	FLUORIDE	MS1	83	%REC	NO	N*		1	D1J120104-001S	13031
STLDEN	5887	10/9/01	02D0089	02D0089-006.006	FLUORIDE	MD1	95	%REC	NO			1	D1J120104-001D	13031
STLDEN	70193	10/11/01	02D0117	02D0117-006.006	FLUORIDE	MS1	96	%REC	NO			1	D1J150194-008S	1306281
STLDEN	70193	10/11/01	02D0117	02D0117-006.006	FLUORIDE	MD1	98	%REC	NO			1	D1J150194-008D	1306281
STLDEN	70493	10/17/01	02D0117	02D0117-014.006	FLUORIDE	MS1	97	%REC	NO			1	D1J210105-010S	13150
STLDEN	70493	10/17/01	02D0117	02D0117-014.006	FLUORIDE	MD1	95	%REC	NO			1	D1J210105-010D	13150
STLDEN			02D0174		FLUORIDE	MS1	97	%REC				1	D1J210105-010S	1315095
STLDEN			02D0174		FLUORIDE	MD1	95	%REC				1	D1J210105-010D	1315095
STLDEN	1386	11/1/01	02D0264	02D0264-002.002	FLUORIDE	MS1	91	%REC	NO			1	D1K050132-003S	13254
STLDEN	1386	11/1/01	02D0264	02D0264-002.002	FLUORIDE	MD1	74	%REC	NO	N*		1	D1K050132-003D	1325477
STLDEN	18799	10/30/01	02D0216	02D0216-006.005	NITRATE	MS1	95	%REC	NO			1	D1J310239-002S	1305268
STLDEN	18799	10/30/01	02D0216	02D0216-006.005	NITRATE	MD1	98	%REC	NO			1	D1J310239-002D	13052
STLDEN	18199	10/29/01	02D0216	02D0216-004.006	NITRATE	MS1	93	%REC	NO			1	D1J300177-004S	13042
STLDEN	18199	10/29/01	02D0216	02D0216-004.006	NITRATE	MD1	93	%REC	NO			1	D1J300177-004D	1304241
STLDEN			02D0216		NITRATE	MS1	93	%REC				1	D1K010329-003S	1306284
STLDEN			02D0216		NITRATE	MD1	94	%REC				1	D1K010329-003D	13062
STLDEN			02D0089		NITRATE/NITRITE	MS1	87	%REC		N		1	D1J110274-004S	1299236
STLDEN			02D0089		NITRATE/NITRITE	MD1	84	%REC		N		1	D1J110274-004D	1299236
STLDEN			02D0089		NITRATE/NITRITE	MS2	85	%REC		N		1	D1J220158-003S	13026
STLDEN			02D0089		NITRATE/NITRITE	MD2	85	%REC		N		1	D1J220158-003D	13026
STLDEN	02291	10/11/01	02D0117	02D0117-003.005	NITRATE/NITRITE	MS1	109	%REC	NO			1	D1J150194-005S	1304263
STLDEN	02291	10/11/01	02D0117	02D0117-003.005	NITRATE/NITRITE	MD1	104	%REC	NO			1	D1J150194-005D	1304263
STLDEN	02291	10/11/01	02D0117	02D0117-002.005	NITRATE/NITRITE	MS1	89	%REC	NO	N		1	D1J150194-003S	13062
STLDEN	02291	10/11/01	02D0117	02D0117-002.005	NITRATE/NITRITE	MD1	82	%REC	NO	N		1	D1J150194-003D	13062
STLDEN			02D0117		NITRATE/NITRITE	MS1	118	%REC		N		1	D1J260251-007S	1310354
STLDEN			02D0117		NITRATE/NITRITE	MD1	115	%REC		N		1	D1J260251-007D	13103
STLDEN	02500	10/23/01	02D0174	02D0174-011.005	NITRATE/NITRITE	MS1	118	%REC	NO	N		1	D1J260251-007S	13103
STLDEN	02500	10/23/01	02D0174	02D0174-011.005	NITRATE/NITRITE	MD1	115	%REC	NO	N		1	D1J260251-007D	1310354
STLDEN			02D0216		NITRATE/NITRITE	MS1	105	%REC				1	D1K120183-003S	1319420
STLDEN			02D0216		NITRATE/NITRITE	MD1	105	%REC				1	D1K120183-003D	13194
STLDEN	FD-774-1	11/7/01	02D0264	02D0264-004.005	NITRATE/NITRITE	MS1	85	%REC	NO	N		1	D1K090269-001S	13335
STLDEN	FD-774-1	11/7/01	02D0264	02D0264-004.005	NITRATE/NITRITE	MD1	83	%REC	NO	N		1	D1K090269-001D	1333520
STLDEN			02D0292		NITRATE/NITRITE	MS1	89	%REC		N		1	D1K210187-003S	13372
STLDEN			02D0292		NITRATE/NITRITE	MD1	90	%REC				1	D1K210187-003D	13372
STLDEN			02D0292		NITRATE/NITRITE	MS2	102	%REC				1	D1K290224-003S	1338500
STLDEN			02D0292		NITRATE/NITRITE	MD2	99	%REC				1	D1K290224-003D	1338500
STLDEN			02D0347		NITRATE/NITRITE	MS1	0	%REC		UN		1	D1L040219-004S	13484
STLDEN			02D0347		NITRATE/NITRITE	MD1	0	%REC		UN		1	D1L040219-004D	13484
STLDEN			02D0347		NITRATE/NITRITE	MS2	109	%REC				1	D1L110270-003S	1353392
STLDEN			02D0347		NITRATE/NITRITE	MD2	121	%REC		N		1	D1L110270-003D	13533
STLDEN			02D0347		NITRATE/NITRITE	MS3	81	%REC		N		1	D1L050335-001S	13545
STLDEN			02D0347		NITRATE/NITRITE	MD3	81	%REC		N		1	D1L050335-001D	1354509
STLDEN	P416689	12/4/01	02D0410	02D0410-002.004	NITRATE/NITRITE	MS1	81	%REC	NO	N		1	D1L050335-001S	1354509
STLDEN	P416689	12/4/01	02D0410	02D0410-002.004	NITRATE/NITRITE	MD1	81	%REC	NO	N		1	D1L050335-001D	13545
STLDEN	37791	12/11/01	02D0470	02D0470-005.005	NITRATE/NITRITE	MS1	91	%REC	NO			1	D1L150198-007S	20023
STLDEN	37791	12/11/01	02D0470	02D0470-005.005	NITRATE/NITRITE	MD1	91	%REC	NO			1	D1L150198-007D	2002352
STLDEN			02D0470		NITRATE/NITRITE	MS2	101	%REC				1	D1L200283-003S	13623
STLDEN			02D0470		NITRATE/NITRITE	MD2	98	%REC				1	D1L200283-003D	13623
STLDEN			02D0577		NITRATE/NITRITE	MS1	90	%REC				1	D1L280224-003S	2003353

Table 7-5

02-RF-00920

**Matrix Spike Recovery For Tritium - VOC - Metal - WQP Samples  
Groundwater - Fourth Quarter, 2002**

Lab	Location	Sample Date	RIN	Bottle #	Analyte	Result Type	Result	Units	Field Filtered	Lab Qual	Detect Limit	Dilution	Lab Sample #	Lab Batch #
STLDEN			02D0577		NITRATE/NITRITE	MD1	108	%REC		*		1	D1L280224-003D	2003333
STLDEN	5887	10/9/01	02D0089	02D0089-006.006	SULFATE	MS1	85	%REC	NO	N		1	D1J120104-001S	1303191
STLDEN	5887	10/9/01	02D0089	02D0089-006.006	SULFATE	MD1	96	%REC	NO			1	D1J120104-001D	1303191
STLDEN	70193	10/11/01	02D0117	02D0117-006.006	SULFATE	MS1	98	%REC	NO			1	D1J150194-008S	1306282
STLDEN	70193	10/11/01	02D0117	02D0117-006.006	SULFATE	MD1	96	%REC	NO			1	D1J150194-008D	1306282
STLDEN	70493	10/17/01	02D0117	02D0117-014.006	SULFATE	MS1	98	%REC	NO			1	D1J210105-010S	1315101
STLDEN	70493	10/17/01	02D0117	02D0117-014.006	SULFATE	MD1	98	%REC	NO			1	D1J210105-010D	1315101
STLDEN			02D0174		SULFATE	MS1	98	%REC				1	D1J210105-010S	1315101
STLDEN			02D0174		SULFATE	MD1	98	%REC				1	D1J210105-010D	1315101
STLDEN	18799	10/30/01	02D0216	02D0216-006.005	SULFATE	MS1	93	%REC	NO			1	D1J310239-002S	1305270
STLDEN	18799	10/30/01	02D0216	02D0216-006.005	SULFATE	MD1	95	%REC	NO			1	D1J310239-002D	1305270
STLDEN	18199	10/29/01	02D0216	02D0216-004.006	SULFATE	MS1	99	%REC	NO			1	D1J300177-004S	1304242
STLDEN	18199	10/29/01	02D0216	02D0216-004.006	SULFATE	MD1	99	%REC	NO			1	D1J300177-004D	1304242
STLDEN			02D0216		SULFATE	MS1	98	%REC				1	D1J150194-008S	1306282
STLDEN			02D0216		SULFATE	MD1	96	%REC				1	D1J150194-008D	1306282
STLDEN	1386	11/1/01	02D0264	02D0264-002.002	SULFATE	MS1	108	%REC	NO			1	D1K050132-003S	1325448
STLDEN	1386	11/1/01	02D0264	02D0264-002.002	SULFATE	MD1	107	%REC	NO			1	D1K050132-003D	1325448
ACCU	18199	10/29/01	02D0216	02D0216-004.008	SULFIDE	MS1	23.5	%REC	NO	N		1	G01100508-01AMS	1532
ACCU	18399	11/1/01	02D0264	02D0264-001.003	SULFIDE	MS1	32.5	%REC	NO	N		1	G01110055-01AMS	1634
STLDEN	21098	11/1/01	02D0216	02D0216-009.007	TOTAL ORGANIC CARBON	MS1	99	%REC	NO			1	D1K010337-002S	1330384
STLDEN	21098	11/1/01	02D0216	02D0216-009.007	TOTAL ORGANIC CARBON	MD1	98	%REC	NO			1	D1K010337-002D	1330384
STLDEN			02D0264		TOTAL ORGANIC CARBON	MS1	99	%REC				1	D1K010337-002S	1330384
STLDEN			02D0264		TOTAL ORGANIC CARBON	MD1	98	%REC				1	D1K010337-002D	1330384

**Table 7-6**  
**Lab Control Sample Recovery For Radionuclides**  
**Groundwater - Fourth Quarter, 2001**

02-RF-00920

Lab	RIN	Analyte	Result Type	LCS Yield Fraction	LCS Units	Result	Result 2 Sigma Error	Result Detect Limit	Result Units	Lab Qualifier	Test Method	Lab Sample #	Lab Batch #
GEL	02D0216	NEPTUNIUM-237	LC1	114	%REC		3.63	0.296	PCI/L		ALPHA SPEC	1200109706	120748
GEL	02D0264	NEPTUNIUM-237	LC1	114	%REC		3.04	0.193	PCI/L		ALPHA SPEC	1200112666	121915
GEL	02D0292	NEPTUNIUM-237	LC1	117	%REC		3.38	0.327	PCI/L		ALPHA SPEC	1200120691	125089
GEL	02D0347	NEPTUNIUM-237	LC1	89	%REC		2.05	0.227	PCI/L		ALPHA SPEC	1200128666	128243
GEL	02D0577	NEPTUNIUM-237	LC1	100	%REC		6.54	0.561	PCI/L		ALPHA SPEC	1200133428	130091
GEL	02D0089	AMERICIUM-241	LC1	102	%REC		0.359	0.0225	PCI/L	B	ALPHA SPEC	1200100116	116806
GEL	02D0117	AMERICIUM-241	LC1	108	%REC		0.376	0.0548	PCI/L		ALPHA SPEC	1200102062	117557
GEL	02D0174	AMERICIUM-241	LC1	87	%REC		0.324	0.0191	PCI/L		ALPHA SPEC	1200109685	120739
GEL	02D0216	AMERICIUM-241	LC1	87	%REC		0.324	0.0191	PCI/L		ALPHA SPEC	1200109685	120739
GEL	02D0264	AMERICIUM-241	LC1	94	%REC		0.335	0.0254	PCI/L		ALPHA SPEC	1200112660	121913
GEL	02D0292	AMERICIUM-241	LC1	110	%REC		0.38	0.0308	PCI/L		ALPHA SPEC	1200120685	125087
GEL	02D0347	AMERICIUM-241	LC1	105	%REC		0.37	0.0061	PCI/L		ALPHA SPEC	1200128656	128240
GEL	02D0470	AMERICIUM-241	LC1	105	%REC		0.391	0.0526	PCI/L		ALPHA SPEC	1200130272	128858
GEL	02D0577	AMERICIUM-241	LC1	105	%REC		0.391	0.0526	PCI/L		ALPHA SPEC	1200130272	128858
GEL	02D0271	AMERICIUM-241	LC1	103	%REC		1.01	0.0984	PCI/L		ALPHA SPEC	1200108647	120278
GEL	02D0089	PLUTONIUM-239/240	LC1	100	%REC		0.328	0.0611	PCI/L		ALPHA SPEC	1200100119	116807
GEL	02D0117	PLUTONIUM-239/240	LC1	98	%REC		0.326	0.0325	PCI/L		ALPHA SPEC	1200102065	117558
GEL	02D0174	PLUTONIUM-239/240	LC1	91	%REC		0.291	0.028	PCI/L		ALPHA SPEC	1200109688	120742
GEL	02D0216	PLUTONIUM-239/240	LC1	91	%REC		0.291	0.028	PCI/L		ALPHA SPEC	1200109688	120742
GEL	02D0264	PLUTONIUM-239/240	LC1	96	%REC		0.311	0.0229	PCI/L		ALPHA SPEC	1200112663	121914
GEL	02D0292	PLUTONIUM-239/240	LC1	100	%REC		0.315	0.0175	PCI/L		ALPHA SPEC	1200120688	125088
GEL	02D0347	PLUTONIUM-239/240	LC1	101	%REC		0.316	0.026	PCI/L		ALPHA SPEC	1200128659	128241
GEL	02D0470	PLUTONIUM-239/240	LC1	99	%REC		0.332	0.0298	PCI/L		ALPHA SPEC	1200130275	128859
GEL	02D0577	PLUTONIUM-239/240	LC1	99	%REC		0.332	0.0298	PCI/L		ALPHA SPEC	1200130275	128859
GEL	02D0089	STRONTIUM-89,90	LC1	105	%REC		6.39	0.193	PCI/L		GAS PROPORTIONAL COUNTER	1200102362	117668
GEL	02D0117	STRONTIUM-89,90	LC1	105	%REC		6.39	0.193	PCI/L		GAS PROPORTIONAL COUNTER	1200102362	117668
GEL	02D0174	STRONTIUM-89,90	LC1	103	%REC		9.2	0.324	PCI/L		GAS PROPORTIONAL COUNTER	1200108209	120114
GEL	02D0347	STRONTIUM-89,90	LC1	105	%REC		12.3	2.65	PCI/L		GAS PROPORTIONAL COUNTER	1200128267	128093
GEL	02D0089	TRITIUM	LC1	105	%REC		488	310	PCI/L		LIQUID SCINTILLATION COUNTER	1200098532	116132
GEL	02D0117	TRITIUM	LC1	88	%REC		432	315	PCI/L		LIQUID SCINTILLATION COUNTER	1200103890	118358
GEL	02D0174	TRITIUM	LC1	107	%REC		453	206	PCI/L		LIQUID SCINTILLATION COUNTER	1200108070	120070
GEL	02D0216	TRITIUM	LC1	107	%REC		453	206	PCI/L		LIQUID SCINTILLATION COUNTER	1200108070	120070
GEL	02D0264	TRITIUM	LC1	102	%REC		433	206	PCI/L		LIQUID SCINTILLATION COUNTER	1200113421	122198
GEL	02D0292	TRITIUM	LC1	102	%REC		433	202	PCI/L		LIQUID SCINTILLATION COUNTER	1200120773	125112
GEL	02D0347	TRITIUM	LC1	95	%REC		410	227	PCI/L		LIQUID SCINTILLATION COUNTER	1200125056	126861
GEL	02D0089	URANIUM-238	LC1	105	%REC		2.54	0.247	PCI/L		ALPHA SPEC	1200100122	116808
GEL	02D0117	URANIUM-238	LC1	91	%REC		1.93	0.152	PCI/L		ALPHA SPEC	1200102068	117559
GEL	02D0174	URANIUM-238	LC1	93	%REC		2.13	0.158	PCI/L		ALPHA SPEC	1200109698	120744
GEL	02D0216	URANIUM-238	LC1	93	%REC		2.13	0.158	PCI/L		ALPHA SPEC	1200109698	120744
GEL	02D0292	URANIUM-238	LC1	91	%REC		2.15	0.239	PCI/L		ALPHA SPEC	1200120716	125097
GEL	02D0347	URANIUM-238	LC1	97	%REC		2.38	0.209	PCI/L		ALPHA SPEC	1200128821	128305
GEL	02D0347	URANIUM-238	LC2	98	%REC		4.51	0.187	PCI/L		ALPHA SPEC	1200130581	128984
GEL	02D0470	URANIUM-238	LC1	92	%REC		1.81	0.117	PCI/L		ALPHA SPEC	1200130241	128852

Note: For radionuclide-LCS samples in the Fourth Quarter 2001, no electronic results in PCI/L units were reported. All radionuclide-LCS results were provided in %REC in accordance with contract requirements.

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Table 7-7

02-RF-00920

**Equipment Rinsate Results**  
**Groundwater - Fourth Quarter, 2001**

Location	Sample Date	Analyte	Sample #	Result Type	Result	Tier II	Units	Lab Qual	Valid-ation	Valid Reason	Detect Limit	Sigma Error	Field Filtered	RIN
<b>Radionuclides</b>														
00100	11/15/01	AMERICIUM-241	GW07857RG	TR1	0.0114	0.145	PCI/L	U	V		0.0175	0.0119	NO	02D0292
00600	11/15/01	AMERICIUM-241	GW07852RG	TR1	0.0213	0.145	PCI/L	J	V		0.0186	0.0149	NO	02D0292
02291	10/11/01	AMERICIUM-241	GW07778RG	TR1	0	0.145	PCI/L	U	V		0.0176	0.0072	NO	02D0117
02500	10/23/01	AMERICIUM-241	GW07860RG	TR1	0.0271	0.145	PCI/L	J	V1		0.0173	0.0168	NO	02D0174
11891	10/5/01	AMERICIUM-241	GW07785RG	TR1	0.0169	0.145	PCI/L	U	V1		0.0185	0.0143	NO	02D0089
37791	12/17/01	AMERICIUM-241	GW07889RG	TR1	0.0228	0.145	PCI/L	J	V		0.0194	0.0167	NO	02D0470
00100	11/15/01	PLUTONIUM-239/240	GW07857RG	TR1	0.0107	0.151	PCI/L	U	V		0.0163	0.0111	NO	02D0292
00600	11/15/01	PLUTONIUM-239/240	GW07852RG	TR1	0.002	0.151	PCI/L	U	V		0.0251	0.012	NO	02D0292
02291	10/11/01	PLUTONIUM-239/240	GW07778RG	TR1	0.0025	0.151	PCI/L	U	V		0.0074	0.0048	NO	02D0117
02500	10/23/01	PLUTONIUM-239/240	GW07860RG	TR1	0.0112	0.151	PCI/L	J	V1		0.0056	0.009	NO	02D0174
11891	10/5/01	PLUTONIUM-239/240	GW07785RG	TR1	0.0039	0.151	PCI/L	U	V1		0.0216	0.0109	NO	02D0089
37791	12/17/01	PLUTONIUM-239/240	GW07889RG	TR1	0.0212	0.151	PCI/L	J	V		0.0162	0.0145	NO	02D0470
00100	11/15/01	URANIUM-233,-234	GW07857RG	TR1	0.0478	1.06	PCI/L	U	V		0.143	0.0767	YES	02D0292
00100	11/15/01	URANIUM-235	GW07857RG	TR1	0.0272	1.01	PCI/L	U	V		0.0817	0.0536	YES	02D0292
00100	11/15/01	URANIUM-238	GW07857RG	TR1	0.0076	0.768	PCI/L	U	V		0.189	0.0577	YES	02D0292
00600	11/15/01	URANIUM-233,-234	GW07852RG	TR1	0.0167	1.06	PCI/L	U	V		0.2	0.0665	YES	02D0292
00600	11/15/01	URANIUM-235	GW07852RG	TR1	-0.0155	1.01	PCI/L	U	V		0.2	0.0667	YES	02D0292
00600	11/15/01	URANIUM-238	GW07852RG	TR1	0.0963	0.768	PCI/L	J	V		0.0963	0.11	YES	02D0292
02291	10/11/01	URANIUM-233,-234	GW07778RG	TR1	0.111	1.06	PCI/L	U	V		0.286	0.149	YES	02D0117
02291	10/11/01	URANIUM-235	GW07778RG	TR1	-0.0757	1.01	PCI/L	U	V		0.344	0.0873	YES	02D0117
02291	10/11/01	URANIUM-238	GW07778RG	TR1	0.0511	0.768	PCI/L	U	V		0.33	0.142	YES	02D0117
02500	10/23/01	URANIUM-233,-234	GW07860RG	TR1	0.0166	1.06	PCI/L	U	V1		0.199	0.0663	NO	02D0174
02500	10/23/01	URANIUM-235	GW07860RG	TR1	-0.0462	1.01	PCI/L	U	V1		0.276	0.0377	NO	02D0174
02500	10/23/01	URANIUM-238	GW07860RG	TR1	0.105	0.768	PCI/L	U	V1		0.222	0.129	NO	02D0174
11891	10/5/01	URANIUM-233,-234	GW07785RG	TR1	0.146	1.06	PCI/L	U	V1		0.237	0.154	YES	02D0089
11891	10/5/01	URANIUM-235	GW07785RG	TR1	0.0096	1.01	PCI/L	U	V1		0.238	0.0728	YES	02D0089
11891	10/5/01	URANIUM-238	GW07785RG	TR1	0.0629	0.768	PCI/L	U	V1		0.336	0.143	YES	02D0089
37791	12/11/01	URANIUM-233,-234	GW07889RG	TR1	0.0157	1.06	PCI/L	U	V		0.122	0.0494	NO	02D0470
37791	12/11/01	URANIUM-235	GW07889RG	TR1	0	1.01	PCI/L	U	V		0.0478	0	NO	02D0470
37791	12/11/01	URANIUM-238	GW07889RG	TR1	0.0159	0.768	PCI/L	U	V		0.0477	0.0312	NO	02D0470
00600	11/15/01	TRITIUM	GW07852RG	TR1	80.3	666	PCI/L	U	V1		202	120	NO	02D0292
<b>Volatile Organic Compounds (VOCs)</b>														
00100	11/15/01	1,1,1,2-TETRACHLOROETHANE	GW07857RG	TR1	1		UG/L	U	V1		0.22	1	NO	02D0292
00100	11/15/01	1,1,1-TRICHLOROETHANE	GW07857RG	TR1	1	200	UG/L	U	V1		0.26	1	NO	02D0292
00100	11/15/01	1,1,2,2-TETRACHLOROETHANE	GW07857RG	TR1	1	0.426	UG/L	U	V1		0.31	1	NO	02D0292
00100	11/15/01	1,1,2-TRICHLOROETHANE	GW07857RG	TR1	1	5	UG/L	U	V1		0.39	1	NO	02D0292
00100	11/15/01	1,1,2-TRICHLOROTRIFLUOROETHANE	GW07857RG	TR1	1		UG/L	U	V1		0.21	1	NO	02D0292
00100	11/15/01	1,1-DICHLOROETHANE	GW07857RG	TR1	1	3650	UG/L	U	V1		0.17	1	NO	02D0292
00100	11/15/01	1,1-DICHLOROETHENE	GW07857RG	TR1	1	7	UG/L	U	V1		0.2	1	NO	02D0292
00100	11/15/01	1,1-DICHLOROPROPENE	GW07857RG	TR1	1		UG/L	U	V1		0.22	1	NO	02D0292
00100	11/15/01	1,2,3-TRICHLOROBENZENE	GW07857RG	TR1	1		UG/L	U	UJ1	141/701	0.16	1	NO	02D0292
00100	11/15/01	1,2,3-TRICHLOROPROPANE	GW07857RG	TR1	1		UG/L	U	V1		0.29	1	NO	02D0292
00100	11/15/01	1,2,4-TRICHLOROBENZENE	GW07857RG	TR1	1	70	UG/L	U	UJ1	141/701	0.2	1	NO	02D0292
00100	11/15/01	1,2-DIBROMOETHANE	GW07857RG	TR1	1		UG/L	U	V1		0.36	1	NO	02D0292
00100	11/15/01	1,2-DICHLOROBENZENE	GW07857RG	TR1	1	600	UG/L	U	UJ1	701	0.24	1	NO	02D0292
00100	11/15/01	1,2-DICHLOROETHANE	GW07857RG	TR1	1	5	UG/L	U	V1		0.28	1	NO	02D0292
00100	11/15/01	1,2-DICHLOROPROPANE	GW07857RG	TR1	1	5	UG/L	U	V1		0.21	1	NO	02D0292
00100	11/15/01	1,3-DICHLOROBENZENE	GW07857RG	TR1	1	600	UG/L	U	UJ1	701	0.26	1	NO	02D0292
00100	11/15/01	1,3-DICHLOROPROPANE	GW07857RG	TR1	1		UG/L	U	V1		0.26	1	NO	02D0292

**Table 7-7**  
**Equipment Rinsate Results**  
**Groundwater - Fourth Quarter, 2001**

02-RF-00920

Location	Sample Date	Analyte	Sample #	Result Type	Result	Tier II	Units	Lab Qual	Valid-ation	Valid Reason	Detect Limit	Dilution	Field Filtered	RIN
00100	11/15/01	1,4-DICHLOROBENZENE	GW07857RG	TR1	1	75	UG/L	U	UJ1	701	0.24	1	NO	02D0292
00100	11/15/01	2,2-DICHLOROPROPANE	GW07857RG	TR1	1		UG/L	U	V1		0.21	1	NO	02D0292
00100	11/15/01	2-BUTANONE	GW07857RG	TR1	5	21900	UG/L	U	UJ1	141	0.93	1	NO	02D0292
00100	11/15/01	2-HEXANONE	GW07857RG	TR1	5		UG/L	U	UJ1	141	0.7	1	NO	02D0292
00100	11/15/01	4-ISOPROPYLTOLUENE	GW07857RG	TR1	1		UG/L	U	UJ1	701	0.3	1	NO	02D0292
00100	11/15/01	4-METHYL-2-PENTANONE	GW07857RG	TR1	5	2920	UG/L	U	V1		0.79	1	NO	02D0292
00100	11/15/01	ACETONE	GW07857RG	TR1	10	3650	UG/L	U	V1		1.9	1	NO	02D0292
00100	11/15/01	BENZENE	GW07857RG	TR1	1	5	UG/L	U	UJ1	701	0.21	1	NO	02D0292
00100	11/15/01	BENZENE, 1,2,4-TRIMETHYL	GW07857RG	TR1	1		UG/L	U	UJ1	701	0.22	1	NO	02D0292
00100	11/15/01	BENZENE, 1,3,5-TRIMETHYL-	GW07857RG	TR1	1		UG/L	U	UJ1	701	0.29	1	NO	02D0292
00100	11/15/01	BROMOBENZENE	GW07857RG	TR1	1		UG/L	U	UJ1	701	0.24	1	NO	02D0292
00100	11/15/01	BROMOCHLOROMETHANE	GW07857RG	TR1	1		UG/L	U	V1		0.21	1	NO	02D0292
00100	11/15/01	BROMODICHLOROMETHANE	GW07857RG	TR1	1	100	UG/L	U	V1		0.22	1	NO	02D0292
00100	11/15/01	BROMOFORM	GW07857RG	TR1	1	100	UG/L	U	V1		0.32	1	NO	02D0292
00100	11/15/01	BROMOMETHANE	GW07857RG	TR1	1	51.1	UG/L	U	V1		0.3	1	NO	02D0292
00100	11/15/01	CARBON DISULFIDE	GW07857RG	TR1	1	3650	UG/L	U	V1		0.19	1	NO	02D0292
00100	11/15/01	CARBON TETRACHLORIDE	GW07857RG	TR1	1	5	UG/L	U	V1		0.19	1	NO	02D0292
00100	11/15/01	CHLOROBENZENE	GW07857RG	TR1	1	100	UG/L	U	UJ1	701	0.3	1	NO	02D0292
00100	11/15/01	CHLOROETHANE	GW07857RG	TR1	1	29.4	UG/L	U	V1		0.25	1	NO	02D0292
00100	11/15/01	CHLOROFORM	GW07857RG	TR1	1	100	UG/L	U	V1		0.23	1	NO	02D0292
00100	11/15/01	CHLOROMETHANE	GW07857RG	TR1	1	6.55	UG/L	U	V1		0.3	1	NO	02D0292
00100	11/15/01	cis-1,2-DICHLOROETHENE	GW07857RG	TR1	1	70	UG/L	U	V1		0.26	1	NO	02D0292
00100	11/15/01	cis-1,3-DICHLOROPROPENE	GW07857RG	TR1	1	0.473	UG/L	U	V1		0.28	1	NO	02D0292
00100	11/15/01	DIBROMOCHLOROMETHANE	GW07857RG	TR1	1	1.01	UG/L	U	V1		0.38	1	NO	02D0292
00100	11/15/01	DIBROMOMETHANE	GW07857RG	TR1	1		UG/L	U	V1		0.44	1	NO	02D0292
00100	11/15/01	DICHLORODIFLUOROMETHANE	GW07857RG	TR1	1		UG/L	U	V1		0.23	1	NO	02D0292
00100	11/15/01	ETHYLBENZENE	GW07857RG	TR1	1	700	UG/L	U	UJ1	701	0.28	1	NO	02D0292
00100	11/15/01	HEXACHLOROBUTADIENE	GW07857RG	TR1	1	1.09	UG/L	U	V1		0.29	1	NO	02D0292
00100	11/15/01	ISOPROPYLBENZENE	GW07857RG	TR1	1		UG/L	U	UJ1	701	0.31	1	NO	02D0292
00100	11/15/01	METHYLENE CHLORIDE	GW07857RG	TR1	1	5	UG/L	U	V1		0.89	1	NO	02D0292
00100	11/15/01	NAPHTHALENE	GW07857RG	TR1	1	1460	UG/L	U	UJ1	141/701	0.15	1	NO	02D0292
00100	11/15/01	n-BUTYLBENZENE	GW07857RG	TR1	1		UG/L	U	UJ1	701	0.26	1	NO	02D0292
00100	11/15/01	n-PROPYLBENZENE	GW07857RG	TR1	1		UG/L	U	UJ1	701	0.23	1	NO	02D0292
00100	11/15/01	o-CHLOROTOLUENE	GW07857RG	TR1	1		UG/L	U	UJ1	701	0.31	1	NO	02D0292
00100	11/15/01	p-CHLOROTOLUENE	GW07857RG	TR1	1		UG/L	U	UJ1	701	0.25	1	NO	02D0292
00100	11/15/01	PROPANE, 1,2-DIBROMO-3-CHLORO-	GW07857RG	TR1	1	0.2	UG/L	U	V1		0.25	1	NO	02D0292
00100	11/15/01	sec-BUTYLBENZENE	GW07857RG	TR1	1		UG/L	U	UJ1	701	0.26	1	NO	02D0292
00100	11/15/01	STYRENE	GW07857RG	TR1	1	100	UG/L	U	UJ1	701	0.27	1	NO	02D0292
00100	11/15/01	tert-BUTYLBENZENE	GW07857RG	TR1	1		UG/L	U	UJ1	701	0.29	1	NO	02D0292
00100	11/15/01	TETRACHLOROETHENE	GW07857RG	TR1	1	5	UG/L	U	V1		0.36	1	NO	02D0292
00100	11/15/01	TOLUENE	GW07857RG	TR1	1	1000	UG/L	U	UJ1	701	0.29	1	NO	02D0292
00100	11/15/01	TOTAL XYLENES	GW07857RG	TR1	1	10000	UG/L	U	UJ1	701	0.95	1	NO	02D0292
00100	11/15/01	trans-1,2-DICHLOROETHENE	GW07857RG	TR1	0.5	70	UG/L	U	V1		0.27	1	NO	02D0292
00100	11/15/01	trans-1,3-DICHLOROPROPENE	GW07857RG	TR1	1	0.473	UG/L	U	V1		0.42	1	NO	02D0292
00100	11/15/01	TRICHLOROETHENE	GW07857RG	TR1	1	5	UG/L	U	V1		0.22	1	NO	02D0292
00100	11/15/01	TRICHLOROFLUOROMETHANE	GW07857RG	TR1	1		UG/L	U	V1		0.28	1	NO	02D0292
00100	11/15/01	VINYL CHLORIDE	GW07857RG	TR1	1	2	UG/L	U	V1		0.21	1	NO	02D0292
00600	11/15/01	1,1,1,2-TETRACHLOROETHANE	GW07852RG	TR1	1		UG/L	U	V1		0.22	1	NO	02D0292
00600	11/15/01	1,1,1-TRICHLOROETHANE	GW07852RG	TR1	1	200	UG/L	U	V1		0.26	1	NO	02D0292
00600	11/15/01	1,1,2,2-TETRACHLOROETHANE	GW07852RG	TR1	1	0.426	UG/L	U	V1		0.31	1	NO	02D0292
00600	11/15/01	1,1,2-TRICHLOROETHANE	GW07852RG	TR1	1	5	UG/L	U	V1		0.39	1	NO	02D0292
00600	11/15/01	1,1,2-TRICHLOROTRIFLUOROETHANE	GW07852RG	TR1	1		UG/L	U	V1		0.21	1	NO	02D0292
00600	11/15/01	1,1-DICHLOROETHANE	GW07852RG	TR1	1	3650	UG/L	U	V1		0.17	1	NO	02D0292

See back of table for key to Validation Reason Codes.

Table 7-7

02-RF-00920

**Equipment Rinsate Results**  
**Groundwater - Fourth Quarter, 2001**

Location	Sample Date	Analyte	Sample #	Result Type	Result	Tier II	Units	Lab Qual	Valid-ation	Valid Reason	Detect Limit	Dilu-tion	Field Filtered	RIN
00600	11/15/01	1,1-DICHLOROETHENE	GW07852RG	TR1	1	7	UG/L	U	V1		0.2	1	NO	02D0292
00600	11/15/01	1,1-DICHLOROPROPENE	GW07852RG	TR1	1		UG/L	U	V1		0.22	1	NO	02D0292
00600	11/15/01	1,2,3-TRICHLOROBENZENE	GW07852RG	TR1	1		UG/L	U	UJ1	141/701	0.16	1	NO	02D0292
00600	11/15/01	1,2,3-TRICHLOROPROPANE	GW07852RG	TR1	1		UG/L	U	V1		0.29	1	NO	02D0292
00600	11/15/01	1,2,4-TRICHLOROBENZENE	GW07852RG	TR1	1	70	UG/L	U	UJ1	141/701	0.2	1	NO	02D0292
00600	11/15/01	1,2-DIBROMOETHANE	GW07852RG	TR1	1		UG/L	U	V1		0.36	1	NO	02D0292
00600	11/15/01	1,2-DICHLOROBENZENE	GW07852RG	TR1	1	600	UG/L	U	UJ1	701	0.24	1	NO	02D0292
00600	11/15/01	1,2-DICHLOROETHANE	GW07852RG	TR1	1	5	UG/L	U	V1		0.28	1	NO	02D0292
00600	11/15/01	1,2-DICHLOROPROPANE	GW07852RG	TR1	1	5	UG/L	U	V1		0.21	1	NO	02D0292
00600	11/15/01	1,3-DICHLOROBENZENE	GW07852RG	TR1	1	600	UG/L	U	UJ1	701	0.26	1	NO	02D0292
00600	11/15/01	1,3-DICHLOROPROPANE	GW07852RG	TR1	1		UG/L	U	V1		0.26	1	NO	02D0292
00600	11/15/01	1,4-DICHLOROBENZENE	GW07852RG	TR1	1	75	UG/L	U	UJ1	701	0.24	1	NO	02D0292
00600	11/15/01	2,2-DICHLOROPROPANE	GW07852RG	TR1	1		UG/L	U	V1		0.21	1	NO	02D0292
00600	11/15/01	2-BUTANONE	GW07852RG	TR1	5	21900	UG/L	U	UJ1	141	0.93	1	NO	02D0292
00600	11/15/01	2-HEXANONE	GW07852RG	TR1	5		UG/L	U	UJ1	141	0.7	1	NO	02D0292
00600	11/15/01	4-ISOPROPYLTOLUENE	GW07852RG	TR1	1		UG/L	U	UJ1	701	0.3	1	NO	02D0292
00600	11/15/01	4-METHYL-2-PENTANONE	GW07852RG	TR1	5	2920	UG/L	U	V1		0.79	1	NO	02D0292
00600	11/15/01	ACETONE	GW07852RG	TR1	3	3650	UG/L	J	V1		1.9	1	NO	02D0292
00600	11/15/01	BENZENE	GW07852RG	TR1	1	5	UG/L	U	UJ1	701	0.21	1	NO	02D0292
00600	11/15/01	BENZENE, 1,2,4-TRIMETHYL	GW07852RG	TR1	1		UG/L	U	UJ1	701	0.22	1	NO	02D0292
00600	11/15/01	BENZENE, 1,3,5-TRIMETHYL-	GW07852RG	TR1	1		UG/L	U	UJ1	701	0.29	1	NO	02D0292
00600	11/15/01	BROMOBENZENE	GW07852RG	TR1	1		UG/L	U	UJ1	701	0.24	1	NO	02D0292
00600	11/15/01	BROMOCHLOROMETHANE	GW07852RG	TR1	1		UG/L	U	V1		0.21	1	NO	02D0292
00600	11/15/01	BROMODICHLOROMETHANE	GW07852RG	TR1	1	100	UG/L	U	V1		0.22	1	NO	02D0292
00600	11/15/01	BROMOFORM	GW07852RG	TR1	1	100	UG/L	U	V1		0.32	1	NO	02D0292
00600	11/15/01	BROMOMETHANE	GW07852RG	TR1	1	51.1	UG/L	U	V1		0.3	1	NO	02D0292
00600	11/15/01	CARBON DISULFIDE	GW07852RG	TR1	1	3650	UG/L	U	V1		0.19	1	NO	02D0292
00600	11/15/01	CARBON TETRACHLORIDE	GW07852RG	TR1	1	5	UG/L	U	V1		0.19	1	NO	02D0292
00600	11/15/01	CHLOROBENZENE	GW07852RG	TR1	1	100	UG/L	U	UJ1	701	0.3	1	NO	02D0292
00600	11/15/01	CHLOROETHANE	GW07852RG	TR1	1	29.4	UG/L	U	V1		0.25	1	NO	02D0292
00600	11/15/01	CHLOROFORM	GW07852RG	TR1	1	100	UG/L	U	V1		0.23	1	NO	02D0292
00600	11/15/01	CHLOROMETHANE	GW07852RG	TR1	1.5	6.55	UG/L		V1		0.3	1	NO	02D0292
00600	11/15/01	cis-1,2-DICHLOROETHENE	GW07852RG	TR1	1	70	UG/L	U	V1		0.26	1	NO	02D0292
00600	11/15/01	cis-1,3-DICHLOROPROPENE	GW07852RG	TR1	1	0.473	UG/L	U	V1		0.28	1	NO	02D0292
00600	11/15/01	DIBROMOCHLOROMETHANE	GW07852RG	TR1	1	1.01	UG/L	U	V1		0.38	1	NO	02D0292
00600	11/15/01	DIBROMOMETHANE	GW07852RG	TR1	1		UG/L	U	V1		0.44	1	NO	02D0292
00600	11/15/01	DICHLORODIFLUOROMETHANE	GW07852RG	TR1	1		UG/L	U	V1		0.23	1	NO	02D0292
00600	11/15/01	ETHYLBENZENE	GW07852RG	TR1	1	700	UG/L	U	UJ1	701	0.28	1	NO	02D0292
00600	11/15/01	HEXACHLOROBUTADIENE	GW07852RG	TR1	1	1.09	UG/L	U	V1		0.29	1	NO	02D0292
00600	11/15/01	ISOPROPYLBENZENE	GW07852RG	TR1	1		UG/L	U	UJ1	701	0.31	1	NO	02D0292
00600	11/15/01	METHYLENE CHLORIDE	GW07852RG	TR1	1	5	UG/L	U	V1		0.89	1	NO	02D0292
00600	11/15/01	NAPHTHALENE	GW07852RG	TR1	1	1460	UG/L	U	UJ1	141/701	0.15	1	NO	02D0292
00600	11/15/01	n-BUTYLBENZENE	GW07852RG	TR1	1		UG/L	U	UJ1	701	0.26	1	NO	02D0292
00600	11/15/01	n-PROPYLBENZENE	GW07852RG	TR1	1		UG/L	U	UJ1	701	0.23	1	NO	02D0292
00600	11/15/01	o-CHLOROTOLUENE	GW07852RG	TR1	1		UG/L	U	UJ1	701	0.31	1	NO	02D0292
00600	11/15/01	p-CHLOROTOLUENE	GW07852RG	TR1	1		UG/L	U	UJ1	701	0.25	1	NO	02D0292
00600	11/15/01	PROPANE, 1,2-DIBROMO-3-CHLORO-	GW07852RG	TR1	1	0.2	UG/L	U	V1		0.25	1	NO	02D0292
00600	11/15/01	sec-BUTYLBENZENE	GW07852RG	TR1	1		UG/L	U	UJ1	701	0.26	1	NO	02D0292
00600	11/15/01	STYRENE	GW07852RG	TR1	1	100	UG/L	U	UJ1	701	0.27	1	NO	02D0292
00600	11/15/01	tert-BUTYLBENZENE	GW07852RG	TR1	1		UG/L	U	UJ1	701	0.29	1	NO	02D0292
00600	11/15/01	TETRACHLOROETHENE	GW07852RG	TR1	1	5	UG/L	U	V1		0.36	1	NO	02D0292
00600	11/15/01	TOLUENE	GW07852RG	TR1	1	1000	UG/L	U	UJ1	701	0.29	1	NO	02D0292
00600	11/15/01	TOTAL XYLENES	GW07852RG	TR1	1	10000	UG/L	U	UJ1	701	0.95	1	NO	02D0292



**Table 7-7**  
**Equipment Rinsate Results**  
**Groundwater - Fourth Quarter, 2001**

02-RF-00920

Location	Sample Date	Analyte	Sample #	Result Type	Result	Tier II	Units	Lab Qual	Valid- ation	Valid Reason	Detect Limit	Dilu- tion	Field Filtered	RIN
00600	11/15/01	trans-1,2-DICHLOROETHENE	GW07852RG	TR1	0.5	70	UG/L	U	V1		0.27	1	NO	02D0292
00600	11/15/01	trans-1,3-DICHLOROPROPENE	GW07852RG	TR1	1	0.473	UG/L	U	V1		0.42	1	NO	02D0292
00600	11/15/01	TRICHLOROETHENE	GW07852RG	TR1	1	5	UG/L	U	V1		0.22	1	NO	02D0292
00600	11/15/01	TRICHLOROFLUOROMETHANE	GW07852RG	TR1	1		UG/L	U	V1		0.28	1	NO	02D0292
00600	11/15/01	VINYL CHLORIDE	GW07852RG	TR1	1	2	UG/L	U	V1		0.21	1	NO	02D0292
02291	10/11/01	1,1,1,2-TETRACHLOROETHANE	GW07778RG	RX1	1		UG/L	U	V1		0.22	1	NO	02D0117
02291	10/11/01	1,1,1-TRICHLOROETHANE	GW07778RG	RX1	1	200	UG/L	U	V1		0.26	1	NO	02D0117
02291	10/11/01	1,1,2,2-TETRACHLOROETHANE	GW07778RG	RX1	1	0.426	UG/L	U	V1		0.31	1	NO	02D0117
02291	10/11/01	1,1,2-TRICHLOROETHANE	GW07778RG	RX1	1	5	UG/L	U	V1		0.39	1	NO	02D0117
02291	10/11/01	1,1,2-TRICHLOROTRIFLUOROETHANE	GW07778RG	RX1	1		UG/L	U	V1		0.21	1	NO	02D0117
02291	10/11/01	1,1-DICHLOROETHANE	GW07778RG	RX1	1	3650	UG/L	U	V1		0.17	1	NO	02D0117
02291	10/11/01	1,1-DICHLOROETHENE	GW07778RG	RX1	1	7	UG/L	U	V1		0.2	1	NO	02D0117
02291	10/11/01	1,1-DICHLOROPROPENE	GW07778RG	RX1	1		UG/L	U	V1		0.22	1	NO	02D0117
02291	10/11/01	1,2,3-TRICHLOROBENZENE	GW07778RG	RX1	1		UG/L	U	UJ1	701	0.16	1	NO	02D0117
02291	10/11/01	1,2,3-TRICHLOROPROPANE	GW07778RG	RX1	1		UG/L	U	V1		0.29	1	NO	02D0117
02291	10/11/01	1,2,4-TRICHLOROBENZENE	GW07778RG	RX1	1	70	UG/L	U	UJ1	701	0.2	1	NO	02D0117
02291	10/11/01	1,2-DIBROMOETHANE	GW07778RG	RX1	1		UG/L	U	V1		0.36	1	NO	02D0117
02291	10/11/01	1,2-DICHLOROBENZENE	GW07778RG	RX1	1	600	UG/L	U	UJ1	701	0.24	1	NO	02D0117
02291	10/11/01	1,2-DICHLOROETHANE	GW07778RG	RX1	1	5	UG/L	U	V1		0.28	1	NO	02D0117
02291	10/11/01	1,2-DICHLOROPROPANE	GW07778RG	RX1	1	5	UG/L	U	V1		0.21	1	NO	02D0117
02291	10/11/01	1,3-DICHLOROBENZENE	GW07778RG	RX1	1	600	UG/L	U	UJ1	701	0.26	1	NO	02D0117
02291	10/11/01	1,3-DICHLOROPROPANE	GW07778RG	RX1	1		UG/L	U	V1		0.26	1	NO	02D0117
02291	10/11/01	1,4-DICHLOROBENZENE	GW07778RG	RX1	1	75	UG/L	U	UJ1	701	0.24	1	NO	02D0117
02291	10/11/01	2,2-DICHLOROPROPANE	GW07778RG	RX1	1		UG/L	U	V1		0.21	1	NO	02D0117
02291	10/11/01	2-BUTANONE	GW07778RG	RX1	5	21900	UG/L	U	V1		0.93	1	NO	02D0117
02291	10/11/01	2-HEXANONE	GW07778RG	RX1	5		UG/L	U	V1		0.7	1	NO	02D0117
02291	10/11/01	4-ISOPROPYLTOLUENE	GW07778RG	RX1	1		UG/L	U	UJ1	701	0.3	1	NO	02D0117
02291	10/11/01	4-METHYL-2-PENTANONE	GW07778RG	RX1	5	2920	UG/L	U	V1		0.79	1	NO	02D0117
02291	10/11/01	ACETONE	GW07778RG	RX1	10	3650	UG/L	U	V1		1.9	1	NO	02D0117
02291	10/11/01	BENZENE	GW07778RG	RX1	1	5	UG/L	U	UJ1	701	0.21	1	NO	02D0117
02291	10/11/01	BENZENE, 1,2,4-TRIMETHYL	GW07778RG	RX1	1		UG/L	U	UJ1	701	0.22	1	NO	02D0117
02291	10/11/01	BENZENE, 1,3,5-TRIMETHYL-	GW07778RG	RX1	1		UG/L	U	UJ1	701	0.29	1	NO	02D0117
02291	10/11/01	BROMOBENZENE	GW07778RG	RX1	1		UG/L	U	UJ1	701	0.24	1	NO	02D0117
02291	10/11/01	BROMOCHLOROMETHANE	GW07778RG	RX1	1		UG/L	U	V1		0.21	1	NO	02D0117
02291	10/11/01	BROMODICHLOROMETHANE	GW07778RG	RX1	1	100	UG/L	U	V1		0.22	1	NO	02D0117
02291	10/11/01	BROMOFORM	GW07778RG	RX1	1	100	UG/L	U	V1		0.32	1	NO	02D0117
02291	10/11/01	BROMOMETHANE	GW07778RG	RX1	1	51.1	UG/L	U	V1		0.3	1	NO	02D0117
02291	10/11/01	CARBON DISULFIDE	GW07778RG	RX1	1	3650	UG/L	U	V1		0.19	1	NO	02D0117
02291	10/11/01	CARBON TETRACHLORIDE	GW07778RG	RX1	1	5	UG/L	U	V1		0.19	1	NO	02D0117
02291	10/11/01	CHLOROBENZENE	GW07778RG	RX1	1	100	UG/L	U	UJ1	701	0.3	1	NO	02D0117
02291	10/11/01	CHLOROETHANE	GW07778RG	RX1	1	29.4	UG/L	U	V1		0.25	1	NO	02D0117
02291	10/11/01	CHLOROFORM	GW07778RG	RX1	1	100	UG/L	U	V1		0.23	1	NO	02D0117
02291	10/11/01	CHLOROMETHANE	GW07778RG	RX1	1	6.55	UG/L	U	V1		0.3	1	NO	02D0117
02291	10/11/01	cis-1,2-DICHLOROETHENE	GW07778RG	RX1	0.33	70	UG/L	J	V1		0.26	1	NO	02D0117
02291	10/11/01	cis-1,3-DICHLOROPROPENE	GW07778RG	RX1	1	0.473	UG/L	U	V1		0.28	1	NO	02D0117
02291	10/11/01	DIBROMOCHLOROMETHANE	GW07778RG	RX1	1	1.01	UG/L	U	V1		0.38	1	NO	02D0117
02291	10/11/01	DIBROMOMETHANE	GW07778RG	RX1	1		UG/L	U	V1		0.44	1	NO	02D0117
02291	10/11/01	DICHLORODIFLUOROMETHANE	GW07778RG	RX1	1		UG/L	U	V1		0.23	1	NO	02D0117
02291	10/11/01	ETHYLBENZENE	GW07778RG	RX1	1	700	UG/L	U	UJ1	701	0.28	1	NO	02D0117
02291	10/11/01	HEXACHLOROBUTADIENE	GW07778RG	RX1	1	1.09	UG/L	U	V1		0.29	1	NO	02D0117
02291	10/11/01	ISOPROPYLBENZENE	GW07778RG	RX1	1		UG/L	U	UJ1	701	0.31	1	NO	02D0117
02291	10/11/01	METHYLENE CHLORIDE	GW07778RG	RX1	1	5	UG/L	U	V1		0.89	1	NO	02D0117
02291	10/11/01	NAPHTHALENE	GW07778RG	RX1	1	1460	UG/L	U	UJ1	701	0.15	1	NO	02D0117

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**Equipment Rinsate Results**  
**Groundwater - Fourth Quarter, 2001**

Location	Sample Date	Analyte	Sample #	Result Type	Result	Tier II	Units	Lab Qual	Valid-ation	Valid Reason	Detect Limit	Dilution	Field Filtered	RIN
02291	10/11/01	n-BUTYLBENZENE	GW07778RG	RX1	1		UG/L	U	UJ1	701	0.26	1	NO	02D0117
02291	10/11/01	n-PROPYLBENZENE	GW07778RG	RX1	1		UG/L	U	UJ1	701	0.23	1	NO	02D0117
02291	10/11/01	o-CHLOROTOLUENE	GW07778RG	RX1	1		UG/L	U	UJ1	701	0.31	1	NO	02D0117
02291	10/11/01	p-CHLOROTOLUENE	GW07778RG	RX1	1		UG/L	U	UJ1	701	0.25	1	NO	02D0117
02291	10/11/01	PROPANE, 1,2-DIBROMO-3-CHLORO-	GW07778RG	RX1	1	0.2	UG/L	U	V1		0.25	1	NO	02D0117
02291	10/11/01	sec-BUTYLBENZENE	GW07778RG	RX1	1		UG/L	U	UJ1	701	0.26	1	NO	02D0117
02291	10/11/01	STYRENE	GW07778RG	RX1	1	100	UG/L	U	UJ1	701	0.27	1	NO	02D0117
02291	10/11/01	tert-BUTYLBENZENE	GW07778RG	RX1	1		UG/L	U	UJ1	701	0.29	1	NO	02D0117
02291	10/11/01	TETRACHLOROETHENE	GW07778RG	DL1	250	5	UG/L		V1		2.4	6.66	NO	02D0117
02291	10/11/01	TOLUENE	GW07778RG	RX1	1	1000	UG/L	U	UJ1	701	0.29	1	NO	02D0117
02291	10/11/01	TOTAL XYLENES	GW07778RG	RX1	1	10000	UG/L	U	UJ1	701	0.95	1	NO	02D0117
02291	10/11/01	trans-1,2-DICHLOROETHENE	GW07778RG	RX1	0.5	70	UG/L	U	V1		0.27	1	NO	02D0117
02291	10/11/01	trans-1,3-DICHLOROPROPENE	GW07778RG	RX1	1	0.473	UG/L	U	V1		0.42	1	NO	02D0117
02291	10/11/01	TRICHLOROETHENE	GW07778RG	RX1	27	5	UG/L		V1		0.22	1	NO	02D0117
02291	10/11/01	TRICHLOROFLUOROMETHANE	GW07778RG	RX1	1		UG/L	U	V1		0.28	1	NO	02D0117
02291	10/11/01	VINYL CHLORIDE	GW07778RG	RX1	1	2	UG/L	U	V1		0.21	1	NO	02D0117
02500	10/23/01	1,1,1,2-TETRACHLOROETHANE	GW07860RG	TR1	1		UG/L	U	V1		0.22	1	NO	02D0174
02500	10/23/01	1,1,1-TRICHLOROETHANE	GW07860RG	TR1	1	200	UG/L	U	V1		0.26	1	NO	02D0174
02500	10/23/01	1,1,2,2-TETRACHLOROETHANE	GW07860RG	TR1	1	0.426	UG/L	U	V1		0.31	1	NO	02D0174
02500	10/23/01	1,1,2-TRICHLOROETHANE	GW07860RG	TR1	1	5	UG/L	U	V1		0.39	1	NO	02D0174
02500	10/23/01	1,1,2-TRICHLOROTRIFLUOROETHANE	GW07860RG	TR1	1		UG/L	U	V1		0.21	1	NO	02D0174
02500	10/23/01	1,1-DICHLOROETHANE	GW07860RG	TR1	1	3650	UG/L	U	V1		0.17	1	NO	02D0174
02500	10/23/01	1,1-DICHLOROETHENE	GW07860RG	TR1	1	7	UG/L	U	V1		0.2	1	NO	02D0174
02500	10/23/01	1,1-DICHLOROPROPENE	GW07860RG	TR1	1		UG/L	U	V1		0.22	1	NO	02D0174
02500	10/23/01	1,2,3-TRICHLOROBENZENE	GW07860RG	TR1	1		UG/L	U	UJ1	701	0.16	1	NO	02D0174
02500	10/23/01	1,2,3-TRICHLOROPROPANE	GW07860RG	TR1	1		UG/L	U	V1		0.29	1	NO	02D0174
02500	10/23/01	1,2,4-TRICHLOROBENZENE	GW07860RG	TR1	1	70	UG/L	U	UJ1	701	0.2	1	NO	02D0174
02500	10/23/01	1,2-DIBROMOETHANE	GW07860RG	TR1	1		UG/L	U	V1		0.36	1	NO	02D0174
02500	10/23/01	1,2-DICHLOROBENZENE	GW07860RG	TR1	1	600	UG/L	U	UJ1	701	0.24	1	NO	02D0174
02500	10/23/01	1,2-DICHLOROETHANE	GW07860RG	TR1	1	5	UG/L	U	V1		0.28	1	NO	02D0174
02500	10/23/01	1,2-DICHLOROPROPANE	GW07860RG	TR1	1	5	UG/L	U	V1		0.21	1	NO	02D0174
02500	10/23/01	1,3-DICHLOROBENZENE	GW07860RG	TR1	1	600	UG/L	U	UJ1	701	0.26	1	NO	02D0174
02500	10/23/01	1,3-DICHLOROPROPANE	GW07860RG	TR1	1		UG/L	U	V1		0.26	1	NO	02D0174
02500	10/23/01	1,4-DICHLOROBENZENE	GW07860RG	TR1	1	75	UG/L	U	UJ1	701	0.24	1	NO	02D0174
02500	10/23/01	2,2-DICHLOROPROPANE	GW07860RG	TR1	1		UG/L	U	V1		0.21	1	NO	02D0174
02500	10/23/01	2-BUTANONE	GW07860RG	TR1	5	21900	UG/L	U	UJ1	141	0.93	1	NO	02D0174
02500	10/23/01	2-HEXANONE	GW07860RG	TR1	5		UG/L	U	UJ1	141	0.7	1	NO	02D0174
02500	10/23/01	4-ISOPROPYLTOLUENE	GW07860RG	TR1	1		UG/L	U	UJ1	701	0.3	1	NO	02D0174
02500	10/23/01	4-METHYL-2-PENTANONE	GW07860RG	TR1	5	2920	UG/L	U	V1		0.79	1	NO	02D0174
02500	10/23/01	ACETONE	GW07860RG	TR1	10	3650	UG/L	U	UJ1	141	1.9	1	NO	02D0174
02500	10/23/01	BENZENE	GW07860RG	TR1	1	5	UG/L	U	UJ1	701	0.21	1	NO	02D0174
02500	10/23/01	BENZENE, 1,2,4-TRIMETHYL	GW07860RG	TR1	1		UG/L	U	UJ1	701	0.22	1	NO	02D0174
02500	10/23/01	BENZENE, 1,3,5-TRIMETHYL-	GW07860RG	TR1	1		UG/L	U	UJ1	701	0.29	1	NO	02D0174
02500	10/23/01	BROMOBENZENE	GW07860RG	TR1	1		UG/L	U	UJ1	701	0.24	1	NO	02D0174
02500	10/23/01	BROMOCHLOROMETHANE	GW07860RG	TR1	1		UG/L	U	V1		0.21	1	NO	02D0174
02500	10/23/01	BROMODICHLOROMETHANE	GW07860RG	TR1	1	100	UG/L	U	V1		0.22	1	NO	02D0174
02500	10/23/01	BROMOFORM	GW07860RG	TR1	1	100	UG/L	U	V1		0.32	1	NO	02D0174
02500	10/23/01	BROMOMETHANE	GW07860RG	TR1	1	51.1	UG/L	U	UJ1	141	0.3	1	NO	02D0174
02500	10/23/01	CARBON DISULFIDE	GW07860RG	TR1	1	3650	UG/L	U	V1		0.19	1	NO	02D0174
02500	10/23/01	CARBON TETRACHLORIDE	GW07860RG	TR1	1	5	UG/L	U	V1		0.19	1	NO	02D0174
02500	10/23/01	CHLOROBENZENE	GW07860RG	TR1	1	100	UG/L	U	UJ1	701	0.3	1	NO	02D0174
02500	10/23/01	CHLOROETHANE	GW07860RG	TR1	1	29.4	UG/L	U	V1		0.25	1	NO	02D0174
02500	10/23/01	CHLOROFORM	GW07860RG	TR1	1	100	UG/L	U	V1		0.23	1	NO	02D0174

Table 7-7

02-RF-00920

**Equipment Rinsate Results**  
**Groundwater - Fourth Quarter, 2001**

Location	Sample Date	Analyte	Sample #	Result Type	Result	Tier II	Units	Lab Qual	Valid-ation	Valid Reason	Detect Limit	Dilu-tion	Field Filtered	RIN
02500	10/23/01	CHLOROMETHANE	GW07860RG	TR1	1	6.55	UG/L	U	V1		0.3	1	NO	02D0174
02500	10/23/01	cis-1,2-DICHLOROETHENE	GW07860RG	TR1	1	70	UG/L	U	V1		0.26	1	NO	02D0174
02500	10/23/01	cis-1,3-DICHLOROPROPENE	GW07860RG	TR1	1	0.473	UG/L	U	V1		0.28	1	NO	02D0174
02500	10/23/01	DIBROMOCHLOROMETHANE	GW07860RG	TR1	1	1.01	UG/L	U	V1		0.38	1	NO	02D0174
02500	10/23/01	DIBROMOMETHANE	GW07860RG	TR1	1		UG/L	U	V1		0.44	1	NO	02D0174
02500	10/23/01	DICHLORODIFLUOROMETHANE	GW07860RG	TR1	1		UG/L	U	V1		0.23	1	NO	02D0174
02500	10/23/01	ETHYLBENZENE	GW07860RG	TR1	1	700	UG/L	U	UJ1	701	0.28	1	NO	02D0174
02500	10/23/01	HEXACHLOROBUTADIENE	GW07860RG	TR1	1	1.09	UG/L	U	V1		0.29	1	NO	02D0174
02500	10/23/01	ISOPROPYLBENZENE	GW07860RG	TR1	1		UG/L	U	UJ1	701	0.31	1	NO	02D0174
02500	10/23/01	METHYLENE CHLORIDE	GW07860RG	TR1	1	5	UG/L	U	V1		0.89	1	NO	02D0174
02500	10/23/01	NAPHTHALENE	GW07860RG	TR1	1	1460	UG/L	U	UJ1	701	0.15	1	NO	02D0174
02500	10/23/01	n-BUTYLBENZENE	GW07860RG	TR1	1		UG/L	U	UJ1	701	0.26	1	NO	02D0174
02500	10/23/01	n-PROPYLBENZENE	GW07860RG	TR1	1		UG/L	U	UJ1	701	0.23	1	NO	02D0174
02500	10/23/01	o-CHLOROTOLUENE	GW07860RG	TR1	1		UG/L	U	UJ1	701	0.31	1	NO	02D0174
02500	10/23/01	p-CHLOROTOLUENE	GW07860RG	TR1	1		UG/L	U	UJ1	701	0.25	1	NO	02D0174
02500	10/23/01	PROPANE, 1,2-DIBROMO-3-CHLORO-	GW07860RG	TR1	1	0.2	UG/L	U	V1		0.25	1	NO	02D0174
02500	10/23/01	sec-BUTYLBENZENE	GW07860RG	TR1	1		UG/L	U	UJ1	701	0.26	1	NO	02D0174
02500	10/23/01	STYRENE	GW07860RG	TR1	1	100	UG/L	U	UJ1	701	0.27	1	NO	02D0174
02500	10/23/01	tert-BUTYLBENZENE	GW07860RG	TR1	1		UG/L	U	UJ1	701	0.29	1	NO	02D0174
02500	10/23/01	TETRACHLOROETHENE	GW07860RG	TR1	1	5	UG/L	U	V1		0.36	1	NO	02D0174
02500	10/23/01	TOLUENE	GW07860RG	TR1	1	1000	UG/L	U	UJ1	701	0.29	1	NO	02D0174
02500	10/23/01	TOTAL XYLENES	GW07860RG	TR1	1	10000	UG/L	U	UJ1	701	0.95	1	NO	02D0174
02500	10/23/01	trans-1,2-DICHLOROETHENE	GW07860RG	TR1	0.5	70	UG/L	U	V1		0.27	1	NO	02D0174
02500	10/23/01	trans-1,3-DICHLOROPROPENE	GW07860RG	TR1	1	0.473	UG/L	U	V1		0.42	1	NO	02D0174
02500	10/23/01	TRICHLOROETHENE	GW07860RG	TR1	1	5	UG/L	U	V1		0.22	1	NO	02D0174
02500	10/23/01	TRICHLOROFLUOROMETHANE	GW07860RG	TR1	1		UG/L	U	V1		0.28	1	NO	02D0174
02500	10/23/01	VINYL CHLORIDE	GW07860RG	TR1	1	2	UG/L	U	V1		0.21	1	NO	02D0174
11891	10/5/01	1,1,1,2-TETRACHLOROETHANE	GW07785RG	TR1	1		UG/L	U	V1		0.22	1	NO	02D0089
11891	10/5/01	1,1,1-TRICHLOROETHANE	GW07785RG	TR1	1	200	UG/L	U	V1		0.26	1	NO	02D0089
11891	10/5/01	1,1,2,2-TETRACHLOROETHANE	GW07785RG	TR1	1	0.426	UG/L	U	V1		0.31	1	NO	02D0089
11891	10/5/01	1,1,2-TRICHLOROETHANE	GW07785RG	TR1	1	5	UG/L	U	V1		0.39	1	NO	02D0089
11891	10/5/01	1,1,2-TRICHLOROTRIFLUOROETHANE	GW07785RG	TR1	1		UG/L	U	V1		0.21	1	NO	02D0089
11891	10/5/01	1,1-DICHLOROETHANE	GW07785RG	TR1	1	3650	UG/L	U	V1		0.17	1	NO	02D0089
11891	10/5/01	1,1-DICHLOROETHENE	GW07785RG	TR1	1	7	UG/L	U	V1		0.2	1	NO	02D0089
11891	10/5/01	1,1-DICHLOROPROPENE	GW07785RG	TR1	1		UG/L	U	V1		0.22	1	NO	02D0089
11891	10/5/01	1,2,3-TRICHLOROBENZENE	GW07785RG	TR1	1		UG/L	U	UJ1	701	0.16	1	NO	02D0089
11891	10/5/01	1,2,3-TRICHLOROPROPANE	GW07785RG	TR1	1		UG/L	U	V1		0.29	1	NO	02D0089
11891	10/5/01	1,2,4-TRICHLOROBENZENE	GW07785RG	TR1	1	70	UG/L	U	UJ1	701	0.2	1	NO	02D0089
11891	10/5/01	1,2-DIBROMOETHANE	GW07785RG	TR1	1		UG/L	U	V1		0.36	1	NO	02D0089
11891	10/5/01	1,2-DICHLOROBENZENE	GW07785RG	TR1	1	600	UG/L	U	UJ1	701	0.24	1	NO	02D0089
11891	10/5/01	1,2-DICHLOROETHANE	GW07785RG	TR1	1	5	UG/L	U	V1		0.28	1	NO	02D0089
11891	10/5/01	1,2-DICHLOROPROPANE	GW07785RG	TR1	1	5	UG/L	U	V1		0.21	1	NO	02D0089
11891	10/5/01	1,3-DICHLOROBENZENE	GW07785RG	TR1	1	600	UG/L	U	UJ1	701	0.26	1	NO	02D0089
11891	10/5/01	1,3-DICHLOROPROPANE	GW07785RG	TR1	1		UG/L	U	V1		0.26	1	NO	02D0089
11891	10/5/01	1,4-DICHLOROBENZENE	GW07785RG	TR1	1	75	UG/L	U	UJ1	701	0.24	1	NO	02D0089
11891	10/5/01	2,2-DICHLOROPROPANE	GW07785RG	TR1	1		UG/L	U	V1		0.21	1	NO	02D0089
11891	10/5/01	2-BUTANONE	GW07785RG	TR1	5	21900	UG/L	U	V1		0.93	1	NO	02D0089
11891	10/5/01	2-HEXANONE	GW07785RG	TR1	5		UG/L	U	V1		0.7	1	NO	02D0089
11891	10/5/01	4-ISOPROPYLTOLUENE	GW07785RG	TR1	1		UG/L	U	UJ1	701	0.3	1	NO	02D0089
11891	10/5/01	4-METHYL-2-PENTANONE	GW07785RG	TR1	5	2920	UG/L	U	V1		0.79	1	NO	02D0089
11891	10/5/01	ACETONE	GW07785RG	TR1	10	3650	UG/L	U	V1		1.9	1	NO	02D0089
11891	10/5/01	BENZENE	GW07785RG	TR1	1	5	UG/L	U	UJ1	701	0.21	1	NO	02D0089
11891	10/5/01	BENZENE, 1,2,4-TRIMETHYL	GW07785RG	TR1	1		UG/L	U	UJ1	701	0.22	1	NO	02D0089

See back of table for key to Validation Reason Codes.

**Table 7-7**  
**Equipment Rinsate Results**  
**Groundwater - Fourth Quarter, 2001**

02-RF-00920

Location	Sample Date	Analyte	Sample #	Result Type	Result	Tier II	Units	Lab Qual	Valid- ation	Valid Reason	Detect Limit	Dilu- tion	Field Filtered	RIN
11891	10/5/01	BENZENE, 1,3,5-TRIMETHYL-	GW07785RG	TR1	1		UG/L	U	UJ1	701	0.29	1	NO	02D0089
11891	10/5/01	BROMOBENZENE	GW07785RG	TR1	1		UG/L	U	UJ1	701	0.24	1	NO	02D0089
11891	10/5/01	BROMOCHLOROMETHANE	GW07785RG	TR1	1		UG/L	U	V1		0.21	1	NO	02D0089
11891	10/5/01	BROMODICHLOROMETHANE	GW07785RG	TR1	1	100	UG/L	U	V1		0.22	1	NO	02D0089
11891	10/5/01	BROMOFORM	GW07785RG	TR1	1	100	UG/L	U	V1		0.32	1	NO	02D0089
11891	10/5/01	BROMOMETHANE	GW07785RG	TR1	1	51.1	UG/L	U	UJ1	141	0.3	1	NO	02D0089
11891	10/5/01	CARBON DISULFIDE	GW07785RG	TR1	1	3650	UG/L	U	V1		0.19	1	NO	02D0089
11891	10/5/01	CARBON TETRACHLORIDE	GW07785RG	TR1	1	5	UG/L	U	V1		0.19	1	NO	02D0089
11891	10/5/01	CHLOROBENZENE	GW07785RG	TR1	1	100	UG/L	U	UJ1	701	0.3	1	NO	02D0089
11891	10/5/01	CHLOROETHANE	GW07785RG	TR1	1	29.4	UG/L	U	V1		0.25	1	NO	02D0089
11891	10/5/01	CHLOROFORM	GW07785RG	TR1	1	100	UG/L	U	V1		0.23	1	NO	02D0089
11891	10/5/01	CHLOROMETHANE	GW07785RG	TR1	0.87	6.55	UG/L	J	V1		0.3	1	NO	02D0089
11891	10/5/01	cis-1,2-DICHLOROETHENE	GW07785RG	TR1	1	70	UG/L	U	V1		0.26	1	NO	02D0089
11891	10/5/01	cis-1,3-DICHLOROPROPENE	GW07785RG	TR1	1	0.473	UG/L	U	V1		0.28	1	NO	02D0089
11891	10/5/01	DIBROMOCHLOROMETHANE	GW07785RG	TR1	1	1.01	UG/L	U	V1		0.38	1	NO	02D0089
11891	10/5/01	DIBROMOMETHANE	GW07785RG	TR1	1		UG/L	U	V1		0.44	1	NO	02D0089
11891	10/5/01	DICHLORODIFLUOROMETHANE	GW07785RG	TR1	1		UG/L	U	V1		0.23	1	NO	02D0089
11891	10/5/01	ETHYLBENZENE	GW07785RG	TR1	1	700	UG/L	U	UJ1	701	0.28	1	NO	02D0089
11891	10/5/01	HEXACHLOROBUTADIENE	GW07785RG	TR1	1	1.09	UG/L	U	V1		0.29	1	NO	02D0089
11891	10/5/01	ISOPROPYLBENZENE	GW07785RG	TR1	1		UG/L	U	UJ1	701	0.31	1	NO	02D0089
11891	10/5/01	METHYLENE CHLORIDE	GW07785RG	TR1	1	5	UG/L	U	V1		0.89	1	NO	02D0089
11891	10/5/01	NAPHTHALENE	GW07785RG	TR1	1	1460	UG/L	U	UJ1	701	0.15	1	NO	02D0089
11891	10/5/01	n-BUTYLBENZENE	GW07785RG	TR1	1		UG/L	U	UJ1	701	0.26	1	NO	02D0089
11891	10/5/01	n-PROPYLBENZENE	GW07785RG	TR1	1		UG/L	U	UJ1	701	0.23	1	NO	02D0089
11891	10/5/01	o-CHLOROTOLUENE	GW07785RG	TR1	1		UG/L	U	UJ1	701	0.31	1	NO	02D0089
11891	10/5/01	p-CHLOROTOLUENE	GW07785RG	TR1	1		UG/L	U	UJ1	701	0.25	1	NO	02D0089
11891	10/5/01	PROPANE, 1,2-DIBROMO-3-CHLORO-	GW07785RG	TR1	1	0.2	UG/L	U	V1		0.25	1	NO	02D0089
11891	10/5/01	sec-BUTYLBENZENE	GW07785RG	TR1	1		UG/L	U	UJ1	701	0.26	1	NO	02D0089
11891	10/5/01	STYRENE	GW07785RG	TR1	1	100	UG/L	U	UJ1	701	0.27	1	NO	02D0089
11891	10/5/01	tert-BUTYLBENZENE	GW07785RG	TR1	1		UG/L	U	UJ1	701	0.29	1	NO	02D0089
11891	10/5/01	TETRACHLOROETHENE	GW07785RG	TR1	1	5	UG/L	U	V1		0.36	1	NO	02D0089
11891	10/5/01	TOLUENE	GW07785RG	TR1	1	1000	UG/L	U	UJ1	701	0.29	1	NO	02D0089
11891	10/5/01	TOTAL XYLENES	GW07785RG	TR1	1	10000	UG/L	U	UJ1	701	0.95	1	NO	02D0089
11891	10/5/01	trans-1,2-DICHLOROETHENE	GW07785RG	TR1	0.5	70	UG/L	U	V1		0.27	1	NO	02D0089
11891	10/5/01	trans-1,3-DICHLOROPROPENE	GW07785RG	TR1	1	0.473	UG/L	U	V1		0.42	1	NO	02D0089
11891	10/5/01	TRICHLOROETHENE	GW07785RG	TR1	1	5	UG/L	U	V1		0.22	1	NO	02D0089
11891	10/5/01	TRICHLOROFLUOROMETHANE	GW07785RG	TR1	1		UG/L	U	V1		0.28	1	NO	02D0089
11891	10/5/01	VINYL CHLORIDE	GW07785RG	TR1	1	2	UG/L	U	V1		0.21	1	NO	02D0089
37791	12/11/01	1,1,1,2-TETRACHLOROETHANE	GW07889RG	TR1	1		UG/L	U	V		0.22	1	NO	02D0470
37791	12/11/01	1,1,1-TRICHLOROETHANE	GW07889RG	TR1	1	200	UG/L	U	V		0.26	1	NO	02D0470
37791	12/11/01	1,1,2,2-TETRACHLOROETHANE	GW07889RG	TR1	1	0.426	UG/L	U	V		0.31	1	NO	02D0470
37791	12/11/01	1,1,2-TRICHLOROETHANE	GW07889RG	TR1	1	5	UG/L	U	V		0.39	1	NO	02D0470
37791	12/11/01	1,1,2-TRICHLOROTRIFLUOROETHANE	GW07889RG	TR1	1		UG/L	U	V		0.21	1	NO	02D0470
37791	12/11/01	1,1-DICHLOROETHANE	GW07889RG	TR1	1	3650	UG/L	U	V		0.17	1	NO	02D0470
37791	12/11/01	1,1-DICHLOROETHENE	GW07889RG	TR1	1	7	UG/L	U	V		0.2	1	NO	02D0470
37791	12/11/01	1,1-DICHLOROPROPENE	GW07889RG	TR1	1		UG/L	U	V		0.22	1	NO	02D0470
37791	12/11/01	1,2,3-TRICHLOROBENZENE	GW07889RG	TR1	1		UG/L	U	UJ	701	0.16	1	NO	02D0470
37791	12/11/01	1,2,3-TRICHLOROPROPANE	GW07889RG	TR1	1		UG/L	U	V		0.29	1	NO	02D0470
37791	12/11/01	1,2,4-TRICHLOROBENZENE	GW07889RG	TR1	1	70	UG/L	U	UJ	701	0.2	1	NO	02D0470
37791	12/11/01	1,2-DIBROMOETHANE	GW07889RG	TR1	1		UG/L	U	V		0.36	1	NO	02D0470
37791	12/11/01	1,2-DICHLOROBENZENE	GW07889RG	TR1	1	600	UG/L	U	UJ	701	0.24	1	NO	02D0470
37791	12/11/01	1,2-DICHLOROETHANE	GW07889RG	TR1	1	5	UG/L	U	V		0.28	1	NO	02D0470
37791	12/11/01	1,2-DICHLOROPROPANE	GW07889RG	TR1	1	5	UG/L	U	V		0.21	1	NO	02D0470

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**Equipment Rinsate Results**  
**Groundwater - Fourth Quarter, 2001**

Location	Sample Date	Analyte	Sample #	Result Type	Result	Tier II	Units	Lab Qual	Valid- ation	Valid Reason	Detect Limit	Dilu- tion	Field Filtered	RIN
37791	12/11/01	1,3-DICHLOROBENZENE	GW07889RG	TR1	1	600	UG/L	U	UJ	701	0.26	1	NO	02D0470
37791	12/11/01	1,3-DICHLOROPROPANE	GW07889RG	TR1	1		UG/L	U	V		0.26	1	NO	02D0470
37791	12/11/01	1,4-DICHLOROBENZENE	GW07889RG	TR1	1	75	UG/L	U	UJ	701	0.24	1	NO	02D0470
37791	12/11/01	2,2-DICHLOROPROPANE	GW07889RG	TR1	1		UG/L	U	V		0.21	1	NO	02D0470
37791	12/11/01	2-BUTANONE	GW07889RG	TR1	5	21900	UG/L	U	V		0.93	1	NO	02D0470
37791	12/11/01	2-HEXANONE	GW07889RG	TR1	5		UG/L	U	V		0.7	1	NO	02D0470
37791	12/11/01	4-ISOPROPYLTOLUENE	GW07889RG	TR1	1		UG/L	U	UJ	701	0.3	1	NO	02D0470
37791	12/11/01	4-METHYL-2-PENTANONE	GW07889RG	TR1	5	2920	UG/L	U	V		0.79	1	NO	02D0470
37791	12/11/01	ACETONE	GW07889RG	TR1	2.8	3650	UG/L	J	V		1.9	1	NO	02D0470
37791	12/11/01	BENZENE	GW07889RG	TR1	1	5	UG/L	U	UJ	701	0.21	1	NO	02D0470
37791	12/11/01	BENZENE, 1,2,4-TRIMETHYL	GW07889RG	TR1	1		UG/L	U	UJ	701	0.22	1	NO	02D0470
37791	12/11/01	BENZENE, 1,3,5-TRIMETHYL-	GW07889RG	TR1	1		UG/L	U	UJ	701	0.29	1	NO	02D0470
37791	12/11/01	BROMOBENZENE	GW07889RG	TR1	1		UG/L	U	UJ	701	0.24	1	NO	02D0470
37791	12/11/01	BROMOCHLOROMETHANE	GW07889RG	TR1	1		UG/L	U	V		0.21	1	NO	02D0470
37791	12/11/01	BROMODICHLOROMETHANE	GW07889RG	TR1	1	100	UG/L	U	V		0.22	1	NO	02D0470
37791	12/11/01	BROMOFORM	GW07889RG	TR1	1	100	UG/L	U	V		0.32	1	NO	02D0470
37791	12/11/01	BROMOMETHANE	GW07889RG	TR1	1	51.1	UG/L	U	V		0.3	1	NO	02D0470
37791	12/11/01	CARBON DISULFIDE	GW07889RG	TR1	1	3650	UG/L	U	V		0.19	1	NO	02D0470
37791	12/11/01	CARBON TETRACHLORIDE	GW07889RG	TR1	1	5	UG/L	U	V		0.19	1	NO	02D0470
37791	12/11/01	CHLOROBENZENE	GW07889RG	TR1	1	100	UG/L	U	UJ	701	0.3	1	NO	02D0470
37791	12/11/01	CHLOROETHANE	GW07889RG	TR1	1	29.4	UG/L	U	V		0.25	1	NO	02D0470
37791	12/11/01	CHLOROFORM	GW07889RG	TR1	1	100	UG/L	U	V		0.23	1	NO	02D0470
37791	12/11/01	CHLOROMETHANE	GW07889RG	TR1	1	6.55	UG/L	U	V		0.3	1	NO	02D0470
37791	12/11/01	cis-1,2-DICHLOROETHENE	GW07889RG	TR1	1	70	UG/L	U	V		0.26	1	NO	02D0470
37791	12/11/01	cis-1,3-DICHLOROPROPENE	GW07889RG	TR1	1	0.473	UG/L	U	V		0.28	1	NO	02D0470
37791	12/11/01	DIBROMOCHLOROMETHANE	GW07889RG	TR1	1	1.01	UG/L	U	V		0.38	1	NO	02D0470
37791	12/11/01	DIBROMOMETHANE	GW07889RG	TR1	1		UG/L	U	V		0.44	1	NO	02D0470
37791	12/11/01	DICHLORODIFLUOROMETHANE	GW07889RG	TR1	1		UG/L	U	V		0.23	1	NO	02D0470
37791	12/11/01	ETHYLBENZENE	GW07889RG	TR1	1	700	UG/L	U	UJ	701	0.28	1	NO	02D0470
37791	12/11/01	HEXACHLOROBUTADIENE	GW07889RG	TR1	1	1.09	UG/L	U	V		0.29	1	NO	02D0470
37791	12/11/01	ISOPROPYLBENZENE	GW07889RG	TR1	1		UG/L	U	UJ	701	0.31	1	NO	02D0470
37791	12/11/01	METHYLENE CHLORIDE	GW07889RG	TR1	1	5	UG/L	U	V		0.89	1	NO	02D0470
37791	12/11/01	NAPHTHALENE	GW07889RG	TR1	1	1460	UG/L	U	UJ	701	0.15	1	NO	02D0470
37791	12/11/01	n-BUTYLBENZENE	GW07889RG	TR1	1		UG/L	U	UJ	701	0.26	1	NO	02D0470
37791	12/11/01	n-PROPYLBENZENE	GW07889RG	TR1	1		UG/L	U	UJ	701	0.23	1	NO	02D0470
37791	12/11/01	o-CHLOROTOLUENE	GW07889RG	TR1	1		UG/L	U	UJ	701	0.31	1	NO	02D0470
37791	12/11/01	p-CHLOROTOLUENE	GW07889RG	TR1	1		UG/L	U	UJ	701	0.25	1	NO	02D0470
37791	12/11/01	PROPANE, 1,2-DIBROMO-3-CHLORO-	GW07889RG	TR1	1	0.2	UG/L	U	V		0.25	1	NO	02D0470
37791	12/11/01	sec-BUTYLBENZENE	GW07889RG	TR1	1		UG/L	U	UJ	701	0.26	1	NO	02D0470
37791	12/11/01	STYRENE	GW07889RG	TR1	1	100	UG/L	U	UJ	701	0.27	1	NO	02D0470
37791	12/11/01	tert-BUTYLBENZENE	GW07889RG	TR1	1		UG/L	U	UJ	701	0.29	1	NO	02D0470
37791	12/11/01	TETRACHLOROETHENE	GW07889RG	TR1	1	5	UG/L	U	V		0.36	1	NO	02D0470
37791	12/11/01	TOLUENE	GW07889RG	TR1	1	1000	UG/L	U	UJ	701	0.29	1	NO	02D0470
37791	12/11/01	TOTAL XYLENES	GW07889RG	TR1	1	10000	UG/L	U	UJ	701	0.95	1	NO	02D0470
37791	12/11/01	trans-1,2-DICHLOROETHENE	GW07889RG	TR1	0.5	70	UG/L	U	V		0.27	1	NO	02D0470
37791	12/11/01	trans-1,3-DICHLOROPROPENE	GW07889RG	TR1	1	0.473	UG/L	U	V		0.42	1	NO	02D0470
37791	12/11/01	TRICHLOROETHENE	GW07889RG	TR1	1	5	UG/L	U	V		0.22	1	NO	02D0470
37791	12/11/01	TRICHLOROFLUOROMETHANE	GW07889RG	TR1	1		UG/L	U	V		0.28	1	NO	02D0470
37791	12/11/01	VINYL CHLORIDE	GW07889RG	TR1	1	2	UG/L	U	V		0.21	1	NO	02D0470

Table 7-7

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**Equipment Rinsate Results**  
**Groundwater - Fourth Quarter, 2001**

Location	Sample Date	Analyte	Sample #	Result Type	Result	Tier II	Units	Lab Qual	Valid-ation	Valid Reason	Detect Limit	Dilu-tion	Field Filtered	RIN
<b>Dissolved and Total Metals</b>														
00100	11/15/01	ALUMINUM	GW07857RG	TR1	12	36500	UG/L	U	J1	105/112/11	12	1	YES	02D0292
00100	11/15/01	ANTIMONY	GW07857RG	TR1	1.4	6	UG/L	U	J1	105	1.4	1	YES	02D0292
00100	11/15/01	ARSENIC	GW07857RG	TR1	1.7	50	UG/L	U	J1	105/107	1.7	1	YES	02D0292
00100	11/15/01	BARIUM	GW07857RG	TR1	4.9	2000	UG/L	B	V1		0.43	1	YES	02D0292
00100	11/15/01	BERYLLIUM	GW07857RG	TR1	0.25	4	UG/L	U	V1		0.25	1	YES	02D0292
00100	11/15/01	CADMIUM	GW07857RG	TR1	0.18	5	UG/L	U	J1	107	0.18	1	YES	02D0292
00100	11/15/01	CALCIUM	GW07857RG	TR1	45		UG/L	U	V1		45	1	YES	02D0292
00100	11/15/01	CHROMIUM	GW07857RG	TR1	0.26	100	UG/L	U	J1	107	0.26	1	YES	02D0292
00100	11/15/01	COBALT	GW07857RG	TR1	2.3	2190	UG/L	U	V1		2.3	1	YES	02D0292
00100	11/15/01	COPPER	GW07857RG	TR1	0.55	1300	UG/L	U	J1	105/107	0.55	1	YES	02D0292
00100	11/15/01	IRON	GW07857RG	TR1	16		UG/L	U	V1		16	1	YES	02D0292
00100	11/15/01	LEAD	GW07857RG	TR1	1	15	UG/L	U	J1	105	1	1	YES	02D0292
00100	11/15/01	LITHIUM	GW07857RG	TR1	4.1	730	UG/L	U	V1		4.1	1	YES	02D0292
00100	11/15/01	MAGNESIUM	GW07857RG	TR1	36		UG/L	U	V1		36	1	YES	02D0292
00100	11/15/01	MANGANESE	GW07857RG	TR1	5.3	1720	UG/L	B	V1		0.23	1	YES	02D0292
00100	11/15/01	MERCURY	GW07857RG	TR1	0.023	2	UG/L	U	J1	112	0.023	1	YES	02D0292
00100	11/15/01	MOLYBDENUM	GW07857RG	TR1	0.63	183	UG/L	U	J1	107	0.63	1	YES	02D0292
00100	11/15/01	NICKEL	GW07857RG	TR1	3.4	140	UG/L	U	V1		3.4	1	YES	02D0292
00100	11/15/01	POTASSIUM	GW07857RG	TR1	700		UG/L	U	V1		700	1	YES	02D0292
00100	11/15/01	SELENIUM	GW07857RG	TR1	2.4	50	UG/L	U	V1		2.4	1	YES	02D0292
00100	11/15/01	SILVER	GW07857RG	TR1	0.23	183	UG/L	U	V1		0.23	1	YES	02D0292
00100	11/15/01	SODIUM	GW07857RG	TR1	3500		UG/L	U	V1		3500	1	YES	02D0292
00100	11/15/01	STRONTIUM	GW07857RG	TR1	0.74	21900	UG/L	B	V1		0.18	1	YES	02D0292
00100	11/15/01	THALLIUM	GW07857RG	TR1	2.1	2	UG/L	U	J1	105	2.1	1	YES	02D0292
00100	11/15/01	TIN	GW07857RG	TR1	2.2	21900	UG/L	U	V1		2.2	1	YES	02D0292
00100	11/15/01	URANIUM, TOTAL	GW07857RG	TR1	68		UG/L	U	V1		68	1	YES	02D0292
00100	11/15/01	VANADIUM	GW07857RG	TR1	2.5	256	UG/L	U	V1		2.5	1	YES	02D0292
00100	11/15/01	ZINC	GW07857RG	TR1	6.5	11000	UG/L	U	V1		6.5	1	YES	02D0292
00600	11/15/01	ALUMINUM	GW07852RG	TR1	12	36500	UG/L	U	J1	105/112/11	12	1	YES	02D0292
00600	11/15/01	ANTIMONY	GW07852RG	TR1	1.4	6	UG/L	U	J1	105	1.4	1	YES	02D0292
00600	11/15/01	ARSENIC	GW07852RG	TR1	1.7	50	UG/L	U	J1	105/107	1.7	1	YES	02D0292
00600	11/15/01	BARIUM	GW07852RG	TR1	6.3	2000	UG/L	B	V1		0.43	1	YES	02D0292
00600	11/15/01	BERYLLIUM	GW07852RG	TR1	0.25	4	UG/L	U	V1		0.25	1	YES	02D0292
00600	11/15/01	CADMIUM	GW07852RG	TR1	0.18	5	UG/L	U	J1	107	0.18	1	YES	02D0292
00600	11/15/01	CALCIUM	GW07852RG	TR1	45		UG/L	U	V1		45	1	YES	02D0292
00600	11/15/01	CHROMIUM	GW07852RG	TR1	0.26	100	UG/L	U	J1	107	0.26	1	YES	02D0292
00600	11/15/01	COBALT	GW07852RG	TR1	2.3	2190	UG/L	U	V1		2.3	1	YES	02D0292
00600	11/15/01	COPPER	GW07852RG	TR1	0.55	1300	UG/L	U	J1	105/107	0.55	1	YES	02D0292
00600	11/15/01	IRON	GW07852RG	TR1	16		UG/L	U	V1		16	1	YES	02D0292
00600	11/15/01	LEAD	GW07852RG	TR1	1	15	UG/L	U	J1	105	1	1	YES	02D0292
00600	11/15/01	LITHIUM	GW07852RG	TR1	4.1	730	UG/L	U	V1		4.1	1	YES	02D0292
00600	11/15/01	MAGNESIUM	GW07852RG	TR1	36		UG/L	U	V1		36	1	YES	02D0292
00600	11/15/01	MANGANESE	GW07852RG	TR1	8.8	1720	UG/L	B	V1		0.23	1	YES	02D0292
00600	11/15/01	MERCURY	GW07852RG	TR1	0.023	2	UG/L	U	J1	112	0.023	1	YES	02D0292
00600	11/15/01	MOLYBDENUM	GW07852RG	TR1	0.63	183	UG/L	U	J1	107	0.63	1	YES	02D0292
00600	11/15/01	NICKEL	GW07852RG	TR1	3.4	140	UG/L	U	V1		3.4	1	YES	02D0292
00600	11/15/01	POTASSIUM	GW07852RG	TR1	700		UG/L	U	V1		700	1	YES	02D0292
00600	11/15/01	SELENIUM	GW07852RG	TR1	2.4	50	UG/L	U	V1		2.4	1	YES	02D0292
00600	11/15/01	SILVER	GW07852RG	TR1	0.23	183	UG/L	U	V1		0.23	1	YES	02D0292
00600	11/15/01	SODIUM	GW07852RG	TR1	3500		UG/L	U	V1		3500	1	YES	02D0292
00600	11/15/01	STRONTIUM	GW07852RG	TR1	0.98	21900	UG/L	B	V1		0.18	1	YES	02D0292
00600	11/15/01	THALLIUM	GW07852RG	TR1	2.4	2	UG/L	B	J1	105	2.1	1	YES	02D0292

Table 7-7

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**Equipment Rinsate Results**  
**Groundwater - Fourth Quarter, 2001**

Location	Sample Date	Analyte	Sample #	Result Type	Result	Tier II	Units	Lab Qual	Validation	Valid Reason	Detect Limit	Dilution	Field Filtered	RIN
00600	11/15/01	TIN	GW07852RG	TR1	3.7	21900	UG/L	B	UJ1	107	2.2	1	YES	02D0292
00600	11/15/01	URANIUM, TOTAL	GW07852RG	TR1	68		UG/L	U	V1		68	1	YES	02D0292
00600	11/15/01	VANADIUM	GW07852RG	TR1	2.5	256	UG/L	U	V1		2.5	1	YES	02D0292
00600	11/15/01	ZINC	GW07852RG	TR1	11.2	11000	UG/L	B	V1		6.5	1	YES	02D0292
02291	10/11/01	ALUMINUM	GW07778RG	TR1	12	36500	UG/L	U	V1		12	1	YES	02D0117
02291	10/11/01	ANTIMONY	GW07778RG	TR1	1.5	6	UG/L	B	V1		1.4	1	YES	02D0117
02291	10/11/01	ARSENIC	GW07778RG	TR1	1.7	50	UG/L	U	V1		1.7	1	YES	02D0117
02291	10/11/01	BARIUM	GW07778RG	TR1	4.1	2000	UG/L	B	UJ1	107	0.43	1	YES	02D0117
02291	10/11/01	BERYLLIUM	GW07778RG	TR1	0.25	4	UG/L	U	V1		0.25	1	YES	02D0117
02291	10/11/01	CADMIUM	GW07778RG	TR1	0.18	5	UG/L	U	V1		0.18	1	YES	02D0117
02291	10/11/01	CALCIUM	GW07778RG	TR1	45		UG/L	U	V1		45	1	YES	02D0117
02291	10/11/01	CHROMIUM	GW07778RG	TR1	0.26	100	UG/L	U	V1		0.26	1	YES	02D0117
02291	10/11/01	COBALT	GW07778RG	TR1	2.3	2190	UG/L	U	V1		2.3	1	YES	02D0117
02291	10/11/01	COPPER	GW07778RG	TR1	0.55	1300	UG/L	U	V1		0.55	1	YES	02D0117
02291	10/11/01	IRON	GW07778RG	TR1	16		UG/L	U	V1		16	1	YES	02D0117
02291	10/11/01	LEAD	GW07778RG	TR1	1	15	UG/L	U	V1		1	1	YES	02D0117
02291	10/11/01	LITHIUM	GW07778RG	TR1	4.1	730	UG/L	U	J1	105	4.1	1	YES	02D0117
02291	10/11/01	MAGNESIUM	GW07778RG	TR1	36		UG/L	U	V1		36	1	YES	02D0117
02291	10/11/01	MANGANESE	GW07778RG	TR1	1.8	1720	UG/L	B	UJ1	107	0.23	1	YES	02D0117
02291	10/11/01	MERCURY	GW07778RG	TR1	0.023	2	UG/L	U	V1		0.023	1	YES	02D0117
02291	10/11/01	MOLYBDENUM	GW07778RG	TR1	1.1	183	UG/L	B	UJ1	107	0.63	1	YES	02D0117
02291	10/11/01	NICKEL	GW07778RG	TR1	3.4	140	UG/L	U	V1		3.4	1	YES	02D0117
02291	10/11/01	POTASSIUM	GW07778RG	TR1	700		UG/L	U	J1	105	700	1	YES	02D0117
02291	10/11/01	SELENIUM	GW07778RG	TR1	2.4	50	UG/L	U	V1		2.4	1	YES	02D0117
02291	10/11/01	SILVER	GW07778RG	TR1	0.23	183	UG/L	U	J1	105	0.23	1	YES	02D0117
02291	10/11/01	SODIUM	GW07778RG	TR1	3500		UG/L	U	V1		3500	1	YES	02D0117
02291	10/11/01	STRONTIUM	GW07778RG	TR1	2.8	21900	UG/L	B	V1		0.18	1	YES	02D0117
02291	10/11/01	THALLIUM	GW07778RG	TR1	4.3	2	UG/L		UJ1	107	2.1	1	YES	02D0117
02291	10/11/01	TIN	GW07778RG	TR1	2.2	21900	UG/L	U	V1		2.2	1	YES	02D0117
02291	10/11/01	URANIUM, TOTAL	GW07778RG	TR1	68		UG/L	U	V1		68	1	YES	02D0117
02291	10/11/01	VANADIUM	GW07778RG	TR1	2.5	256	UG/L	U	V1		2.5	1	YES	02D0117
02291	10/11/01	ZINC	GW07778RG	TR1	6.5	11000	UG/L	U	V1		6.5	1	YES	02D0117
02500	10/23/01	ALUMINUM	GW07860RG	TR1	12	36500	UG/L	U	V1		12	1	YES	02D0174
02500	10/23/01	ANTIMONY	GW07860RG	TR1	1.4	6	UG/L	U	J1	105	1.4	1	YES	02D0174
02500	10/23/01	ARSENIC	GW07860RG	TR1	1.7	50	UG/L	U	V1		1.7	1	YES	02D0174
02500	10/23/01	BARIUM	GW07860RG	TR1	2.7	2000	UG/L	B	V1		0.43	1	YES	02D0174
02500	10/23/01	BERYLLIUM	GW07860RG	TR1	0.56	4	UG/L	B	UJ1	105/107	0.25	1	YES	02D0174
02500	10/23/01	CADMIUM	GW07860RG	TR1	0.18	5	UG/L	U	V1		0.18	1	YES	02D0174
02500	10/23/01	CALCIUM	GW07860RG	TR1	60.3		UG/L	B	J1	105	45	1	YES	02D0174
02500	10/23/01	CHROMIUM	GW07860RG	TR1	0.25	100	UG/L	U	J1	107	0.25	1	YES	02D0174
02500	10/23/01	COBALT	GW07860RG	TR1	2.3	2190	UG/L	U	V1		2.3	1	YES	02D0174
02500	10/23/01	COPPER	GW07860RG	TR1	2.1	1300	UG/L	B	UJ1	105/107/11	0.55	1	YES	02D0174
02500	10/23/01	IRON	GW07860RG	TR1	16		UG/L	U	V1		16	1	YES	02D0174
02500	10/23/01	LEAD	GW07860RG	TR1	1	15	UG/L	U	J1	105	1	1	YES	02D0174
02500	10/23/01	LITHIUM	GW07860RG	TR1	4.1	730	UG/L	U	V1		4.1	1	YES	02D0174
02500	10/23/01	MAGNESIUM	GW07860RG	TR1	36		UG/L	U	V1		36	1	YES	02D0174
02500	10/23/01	MANGANESE	GW07860RG	TR1	3.4	1720	UG/L	B	UJ1	107	0.23	1	YES	02D0174
02500	10/23/01	MERCURY	GW07860RG	TR1	0.023	2	UG/L	U	V1		0.023	1	YES	02D0174
02500	10/23/01	MOLYBDENUM	GW07860RG	TR1	0.63	183	UG/L	U	V1		0.63	1	YES	02D0174
02500	10/23/01	NICKEL	GW07860RG	TR1	3.4	140	UG/L	U	V1		3.4	1	YES	02D0174
02500	10/23/01	POTASSIUM	GW07860RG	TR1	700		UG/L	U	J1	105	700	1	YES	02D0174
02500	10/23/01	SELENIUM	GW07860RG	TR1	2.4	50	UG/L	U	J1	105	2.4	1	YES	02D0174
02500	10/23/01	SILVER	GW07860RG	TR1	0.23	183	UG/L	U	J1	105	0.23	1	YES	02D0174



Table 7-7

02-RF-00920

**Equipment Rinsate Results**  
**Groundwater - Fourth Quarter, 2001**

Location	Sample Date	Analyte	Sample #	Result Type	Result	Tier II	Units	Lab Qual	Valid-ation	Valid Reason	Detect Limit	Dilu-tion	Field Filtered	RIN
02500	10/23/01	SODIUM	GW07860RG	TR1	3500		UG/L	U	V1		3500	1	YES	02D0174
02500	10/23/01	STRONTIUM	GW07860RG	TR1	1.9	21900	UG/L	B	V1		0.18	1	YES	02D0174
02500	10/23/01	THALLIUM	GW07860RG	TR1	5	2	UG/L		UJ1	105/107	2.1	1	YES	02D0174
02500	10/23/01	TIN	GW07860RG	TR1	3	21900	UG/L	B	UJ1	107	2.2	1	YES	02D0174
02500	10/23/01	URANIUM, TOTAL	GW07860RG	TR1	68		UG/L	U	V1		68	1	YES	02D0174
02500	10/23/01	VANADIUM	GW07860RG	TR1	2.5	256	UG/L	U	V1		2.5	1	YES	02D0174
02500	10/23/01	ZINC	GW07860RG	TR1	6.5	11000	UG/L	U	V1		6.5	1	YES	02D0174
11891	10/5/01	ALUMINUM	GW07785RG	TR1	13.5	36500	UG/L	B	V1		12	1	YES	02D0089
11891	10/5/01	ANTIMONY	GW07785RG	TR1	1.4	6	UG/L	U	J1	105/107	1.4	1	YES	02D0089
11891	10/5/01	ARSENIC	GW07785RG	TR1	1.7	50	UG/L	U	J1	105	1.7	1	YES	02D0089
11891	10/5/01	BARIUM	GW07785RG	TR1	3.8	2000	UG/L	B	V1		0.43	1	YES	02D0089
11891	10/5/01	BERYLLIUM	GW07785RG	TR1	0.25	4	UG/L	U	V1		0.25	1	YES	02D0089
11891	10/5/01	CADMIUM	GW07785RG	TR1	0.18	5	UG/L	U	V1		0.18	1	YES	02D0089
11891	10/5/01	CALCIUM	GW07785RG	TR1	70.7		UG/L	B	V1		45	1	YES	02D0089
11891	10/5/01	CHROMIUM	GW07785RG	TR1	0.26	100	UG/L	U	V1		0.26	1	YES	02D0089
11891	10/5/01	COBALT	GW07785RG	TR1	2.3	2190	UG/L	U	V1		2.3	1	YES	02D0089
11891	10/5/01	COPPER	GW07785RG	TR1	2.7	1300	UG/L	B	UJ1	105/107	0.55	1	YES	02D0089
11891	10/5/01	IRON	GW07785RG	TR1	16		UG/L	U	V1		16	1	YES	02D0089
11891	10/5/01	LEAD	GW07785RG	TR1	1	15	UG/L	U	V1		1	1	YES	02D0089
11891	10/5/01	LITHIUM	GW07785RG	TR1	4.1	730	UG/L	U	J1	105	4.1	1	YES	02D0089
11891	10/5/01	MAGNESIUM	GW07785RG	TR1	36		UG/L	U	V1		36	1	YES	02D0089
11891	10/5/01	MANGANESE	GW07785RG	TR1	2.9	1720	UG/L	B	UJ1	107	0.23	1	YES	02D0089
11891	10/5/01	MERCURY	GW07785RG	TR1	0.023	2	UG/L	U	V1		0.023	1	YES	02D0089
11891	10/5/01	MOLYBDENUM	GW07785RG	TR1	0.63	183	UG/L	U	V1		0.63	1	YES	02D0089
11891	10/5/01	NICKEL	GW07785RG	TR1	3.4	140	UG/L	U	V1		3.4	1	YES	02D0089
11891	10/5/01	POTASSIUM	GW07785RG	TR1	700		UG/L	U	J1	105	700	1	YES	02D0089
11891	10/5/01	SELENIUM	GW07785RG	TR1	2.4	50	UG/L	U	V1		2.4	1	YES	02D0089
11891	10/5/01	SILVER	GW07785RG	TR1	0.25	183	UG/L	B	UJ1	105/107	0.23	1	YES	02D0089
11891	10/5/01	SODIUM	GW07785RG	TR1	3500		UG/L	U	V1		3500	1	YES	02D0089
11891	10/5/01	STRONTIUM	GW07785RG	TR1	2.5	21900	UG/L	B	UJ1	107	0.18	1	YES	02D0089
11891	10/5/01	THALLIUM	GW07785RG	TR1	5.4	2	UG/L		UJ1	107	2.1	1	YES	02D0089
11891	10/5/01	TIN	GW07785RG	TR1	2.3	21900	UG/L	B	J1	105	2.2	1	YES	02D0089
11891	10/5/01	URANIUM, TOTAL	GW07785RG	TR1	68		UG/L	U	V1		68	1	YES	02D0089
11891	10/5/01	VANADIUM	GW07785RG	TR1	2.5	256	UG/L	U	V1		2.5	1	YES	02D0089
11891	10/5/01	ZINC	GW07785RG	TR1	6.5	11000	UG/L	U	V1		6.5	1	YES	02D0089
37791	12/11/01	ALUMINUM	GW07889RG	TR1	12	36500	UG/L	U	J1	105/107	12	1	YES	02D0470
37791	12/11/01	ANTIMONY	GW07889RG	TR1	1.4	6	UG/L	U	J1	107	1.4	1	YES	02D0470
37791	12/11/01	ARSENIC	GW07889RG	TR1	1.7	50	UG/L	U	V1		1.7	1	YES	02D0470
37791	12/11/01	BARIUM	GW07889RG	TR1	0.52	2000	UG/L	B	V1		0.43	1	YES	02D0470
37791	12/11/01	BERYLLIUM	GW07889RG	TR1	0.25	4	UG/L	U	J1	107	0.25	1	YES	02D0470
37791	12/11/01	CADMIUM	GW07889RG	TR1	0.18	5	UG/L	U	V1		0.18	1	YES	02D0470
37791	12/11/01	CALCIUM	GW07889RG	TR1	121		UG/L	B	V1		45	1	YES	02D0470
37791	12/11/01	CHROMIUM	GW07889RG	TR1	0.26	100	UG/L	U	J1	107	0.26	1	YES	02D0470
37791	12/11/01	COBALT	GW07889RG	TR1	2.3	2190	UG/L	U	V1		2.3	1	YES	02D0470
37791	12/11/01	COPPER	GW07889RG	TR1	1.7	1300	UG/L	B	UJ1	107	0.55	1	YES	02D0470
37791	12/11/01	IRON	GW07889RG	TR1	17.9		UG/L	B	V1		16	1	YES	02D0470
37791	12/11/01	LEAD	GW07889RG	TR1	1	15	UG/L	U	V1		1	1	YES	02D0470
37791	12/11/01	LITHIUM	GW07889RG	TR1	4.1	730	UG/L	U	V1		4.1	1	YES	02D0470
37791	12/11/01	MAGNESIUM	GW07889RG	TR1	36		UG/L	U	V1		36	1	YES	02D0470
37791	12/11/01	MANGANESE	GW07889RG	TR1	0.64	1720	UG/L	B	V1		0.23	1	YES	02D0470
37791	12/11/01	MERCURY	GW07889RG	TR1	0.023	2	UG/L	U	J1	107	0.023	1	YES	02D0470
37791	12/11/01	MOLYBDENUM	GW07889RG	TR1	0.63	183	UG/L	U	V1		0.63	1	YES	02D0470
37791	12/11/01	NICKEL	GW07889RG	TR1	3.4	140	UG/L	U	V1		3.4	1	YES	02D0470

**Table 7-7**  
**Equipment Rinsate Results**  
**Groundwater - Fourth Quarter, 2001**

02-RF-00920

Location	Sample Date	Analyte	Sample #	Result Type	Result	Tier II	Units	Lab Qual	Valid-ation	Valid Reason	Detect Limit	Dilu-tion	Field Filtered	RIN
37791	12/11/01	POTASSIUM	GW07889RG	TR1	700		UG/L	U	V1		700	1	YES	02D0470
37791	12/11/01	SELENIUM	GW07889RG	TR1	2.4	50	UG/L	U	V1		2.4	1	YES	02D0470
37791	12/11/01	SILVER	GW07889RG	TR1	0.23	183	UG/L	U	J1	105	0.23	1	YES	02D0470
37791	12/11/01	SODIUM	GW07889RG	TR1	3500		UG/L	U	V1		3500	1	YES	02D0470
37791	12/11/01	STRONTIUM	GW07889RG	TR1	0.39	21900	UG/L	B	V1		0.18	1	YES	02D0470
37791	12/11/01	THALLIUM	GW07889RG	TR1	2.1	2	UG/L	U	J1	105	2.1	1	YES	02D0470
37791	12/11/01	TIN	GW07889RG	TR1	2.2	21900	UG/L	U	J1	105	2.2	1	YES	02D0470
37791	12/11/01	URANIUM, TOTAL	GW07889RG	TR1	68		UG/L	U	V1		68	1	YES	02D0470
37791	12/11/01	VANADIUM	GW07889RG	TR1	2.5	256	UG/L	U	V1		2.5	1	YES	02D0470
37791	12/11/01	ZINC	GW07889RG	TR1	6.5	11000	UG/L	U	V1		6.5	1	YES	02D0470
<b>Polychlorinated Biphenyls (PCBs)</b>														
37791	12/12/01	AROCLOR-1016	GW07889RG	TR1	0.5	0.5	UG/L	U	V		0.098	1	NO	02D0470
37791	12/12/01	AROCLOR-1221	GW07889RG	TR1	0.5	0.5	UG/L	U	V		0.22	1	NO	02D0470
37791	12/12/01	AROCLOR-1232	GW07889RG	TR1	0.5	0.5	UG/L	U	V		0.1	1	NO	02D0470
37791	12/12/01	AROCLOR-1242	GW07889RG	TR1	0.5	0.5	UG/L	U	V		0.12	1	NO	02D0470
37791	12/12/01	AROCLOR-1248	GW07889RG	TR1	0.5	0.5	UG/L	U	V		0.079	1	NO	02D0470
37791	12/12/01	AROCLOR-1254	GW07889RG	TR1	0.5	0.5	UG/L	U	V		0.12	1	NO	02D0470
37791	12/12/01	AROCLOR-1260	GW07889RG	TR1	0.5	0.5	UG/L	U	V		0.18	1	NO	02D0470
<b>Water Quality Parameters (WQPs)</b>														
00100	11/15/01	NITRATE/NITRITE	GW07857RG	TR1	0.031	10	MG/L	B	V1		0.021	1	NO	02D0292
00600	11/15/01	NITRATE/NITRITE	GW07852RG	TR1	0.048	10	MG/L	B	V1		0.021	1	NO	02D0292
02291	10/11/01	NITRATE/NITRITE	GW07778RG	TR1	0.13	10	MG/L		V1		0.021	1	NO	02D0117
02500	10/23/01	NITRATE/NITRITE	GW07860RG	TR1	0.05	10	MG/L	U	V1		0.021	1	NO	02D0174
11891	10/5/01	NITRATE/NITRITE	GW07785RG	TR1	0.053	10	MG/L		V1		0.021	1	NO	02D0089
37791	12/11/01	NITRATE/NITRITE	GW07889RG	TR1	0.05	10	MG/L	U	V1		0.021	1	NO	02D0470
00100	11/15/01	TOTAL DISSOLVED SOLIDS	GW07857RG	TR1	10		MG/L	U	V1		4.8	1	NO	02D0292
02291	10/11/01	TOTAL DISSOLVED SOLIDS	GW07778RG	TR1	10		MG/L	U	V1		4.8	1	NO	02D0117
02500	10/23/01	TOTAL DISSOLVED SOLIDS	GW07860RG	TR1	10		MG/L	U	V1		4.8	1	NO	02D0174
11891	10/5/01	TOTAL DISSOLVED SOLIDS	GW07785RG	TR1	10		MG/L	U	V1		4.8	1	NO	02D0089
37791	12/12/01	TOTAL DISSOLVED SOLIDS	GW07889RG	TR1	9		MG/L	B	V1		4.8	1	NO	02D0470
37791	12/12/01	PETROLEUM HCs, T. RECOVERABLE	GW07889RG	TR1	1		MG/L	U	V1		0.36	1	NO	02D0470

**Validation Reason Codes**

105 = Low level check sample recovery not met

107 = Analyte detected but <RDL in calibration blank verification

112 = Predigestion matrix spike criteria were not met (+/-25%)

117 = Serial dilution percent D criteria not met

141 = Continuing calibration verification criteria were not met

701\* = Holding times were exceeded (not attributed to lab)

\*Note: All VOC and samples collected in the Fourth Quarter of 2001 were validated (s.l.) on the assumption that the holding time for unpreserved VOC vials is 7 days. The RFETS groundwater program uses a 14-day hold time based on recent CDPHE guidance (CDPHE, 1998). Because of the 7-day hold time criteria, sample results may have received a "J" or "J1" validation qualifier if no other factors affected the analyses.



Table 7-8  
 RFCA Groundwater Monitoring Sample Comparison:  
 Required versus Actual Fourth Quarter, 2001

02-RF-00920

Sample Types	Required Number of Visits	Actual Number of Visits*	Actual Number of Locations Sampled	Deviation	Success Ratio; % Samples Collected (or Wells Visited)	Discrepancy Justification
<b>Groundwater Wells (Visits)</b>	98	98	NA	0	100.0	
<b>VOCs</b>	98	98	63	35	64.3	Dry or Insw
<b>Dissolved Gasses</b> (Methane/Ethane/Ethene)	5	5	5	0	100.0	
<b>Metals</b>	85	85	49	36	57.6	Dry or Insw
<b>PCBs</b>	27	27	12	15	44.4	Dry or Insw
<b>Radionuclides</b>						
Pu/Am	69	69	35	34	50.7	Dry or Insw
U-isotope	88	88	52	36	59.1	Dry or Insw
Tritium	35	35	17	18	48.6	Dry or Insw
<sup>137</sup> Cesium	0	0	0	0		
<sup>89/90</sup> Strontium	11	11	4	7	36.4	Dry or Insw
<sup>237</sup> Neptunium	19	19	8	11	42.1	Dry or Insw
<b>Water Quality Parameters</b>						
Total Cyanide	0	0	0	0		
Chloride	5	5	5	0	100.0	
Fluoride	19	19	9	10	47.4	Dry or Insw
Nitrate (sole)	5	5	5	0	100.0	
Nitrate/Nitrite	76	76	46	30	60.5	Dry or Insw
Sulfate	24	24	14	10	58.3	Dry or Insw
Sulfide as H <sub>2</sub> S	5	5	5	0	100.0	
Total Diss. Solids	88	88	48	40	54.5	Dry or Insw
Total Organic Carb.	5	5	5	0	100.0	
T. Rcvr. Petroleum Hydrocarbon	14	14	6	8	42.9	Dry or Insw
<b>Totals</b>	678	678	388	290	57.2	Dry or Insw

\*Does not reflect multiple visits to wells with limited water or totally dry wells.

Dry = Well did not recharge after purging. No samples collected.

Insw = Insufficient water to complete sample suite.

Table 7-9  
Summary of Validation / Verification Completeness  
Groundwater - Fourth Quarter, 2001

02-RF-00920

	Usable Data Points - Dp <sub>u</sub>	Non-usable Data Points - DP <sub>n</sub>	Total Data Points - DP <sub>t</sub>	Percent of Usable Data Points	No Validation / Verification
<b>VOC's</b>	4852	0	4852	100.0%	
<b>Methane/Ethane</b>			15		15
<b>Metals</b>	1705	2	1708	99.8%	1*
<b>PCBs</b>	98	0	98	100.0%	
<b>Radionuclides</b>					
Pu / Am	94	0	94	100.0%	
U-isotope	192	0	192	100.0%	
Tritium	17	0	17	100.0%	
<sup>137</sup> Cesium	0	0	0	NA	
<sup>89/90</sup> Strontium	4	0	4	100.0%	
<sup>237</sup> Neptunium	8	0	8	100.0%	
<b>Water Quality Parameters</b>					
Chloride	5	0	5	100.0%	
Fluoride	9	0	9	100.0%	
Nitrate	5	0	5	100.0%	
Nitrate/Nitrite	58	0	58	100.0%	
Sulfate	14	0	14	100.0%	
Sulfide as H <sub>2</sub> S	1	4	5	20.0%	
Total Cyanide	0	0	0	NA	
Total Dissolved Solids	58	0	58	100.0%	
Total Organic Carbon	5	0	5	100.0%	
Total Recoverable Petroleum Hydrocarbons	9	0	9	100.0%	
<b>Totals</b>	<b>7134</b>	<b>6</b>	<b>7156</b>	<b>99.7%</b>	<b>16</b>

Usable data points include the following Validation/Verification qualifiers: J/J1, JB/JB1, U/U1, UJ/UJ1, V/V1.

Non-usable data points include the following Validation/Verification qualifiers: R/R1.

Because Cesium and Methane analyses are set up via special contracts they are not being validated at this time.

With respect to TR1-DL1 or TR1-TR2 analytical series, only one Result from a pair (with a validation qualifier) is counted here.

$$\text{Completeness} = Dp_u = \frac{DP_t - DP_n}{DP_t} \times 100 \text{ (in percent)}$$

The acceptable QC criterion is >90%.

\* These analyses are currently undergoing validation/verification but results were not available at the time this report was prepared.

**APPENDIX A:  
GROUNDWATER ANALYTICAL DATA**

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## Appendix A: Groundwater Analytical Data - Metals

Fourth Quarter 2001

Location	Sample Date	Sample #	Analyte	QC Type	Result Type	Result	Units	Lab Qual	Validation	Detect Limit	Dilution	Tier II	IMP Well Class	Filtered
00100	11/15/01	GW07855RG	ALUMINUM	REAL	TR1	12	UG/L	U	J1	12	1	36500	D&D Bldg 779	YES
00100	11/15/01	GW07856RG	ALUMINUM	DUP	TR1	12	UG/L	U	J1	12	1	36500	D&D Bldg 779	YES
00100	11/15/01	GW07855RG	ANTIMONY	REAL	TR1	1.4	UG/L	U	J1	1.4	1	6	D&D Bldg 779	YES
00100	11/15/01	GW07856RG	ANTIMONY	DUP	TR1	1.4	UG/L	U	J1	1.4	1	6	D&D Bldg 779	YES
00100	11/15/01	GW07855RG	ARSENIC	REAL	TR1	1.7	UG/L	U	J1	1.7	1	50	D&D Bldg 779	YES
00100	11/15/01	GW07856RG	ARSENIC	DUP	TR1	1.7	UG/L	U	J1	1.7	1	50	D&D Bldg 779	YES
00100	11/15/01	GW07855RG	BARIUM	REAL	TR1	105	UG/L		V1	0.43	1	2000	D&D Bldg 779	YES
00100	11/15/01	GW07856RG	BARIUM	DUP	TR1	104	UG/L		V1	0.43	1	2000	D&D Bldg 779	YES
00100	11/15/01	GW07855RG	BERYLLIUM	REAL	TR1	0.25	UG/L	U	V1	0.25	1	4	D&D Bldg 779	YES
00100	11/15/01	GW07856RG	BERYLLIUM	DUP	TR1	0.25	UG/L	U	V1	0.25	1	4	D&D Bldg 779	YES
00100	11/15/01	GW07855RG	CADMIUM	REAL	TR1	0.18	UG/L	U	J1	0.18	1	5	D&D Bldg 779	YES
00100	11/15/01	GW07856RG	CADMIUM	DUP	TR1	0.18	UG/L	U	J1	0.18	1	5	D&D Bldg 779	YES
00100	11/15/01	GW07855RG	CALCIUM	REAL	TR1	85600	UG/L		V1	45	1		D&D Bldg 779	YES
00100	11/15/01	GW07856RG	CALCIUM	DUP	TR1	85100	UG/L		V1	45	1		D&D Bldg 779	YES
00100	11/15/01	GW07855RG	CHROMIUM	REAL	TR1	1.2	UG/L	B	J1	0.26	1	100	D&D Bldg 779	YES
00100	11/15/01	GW07856RG	CHROMIUM	DUP	TR1	0.26	UG/L	U	J1	0.26	1	100	D&D Bldg 779	YES
00100	11/15/01	GW07855RG	COBALT	REAL	TR1	2.3	UG/L	U	V1	2.3	1	2190	D&D Bldg 779	YES
00100	11/15/01	GW07856RG	COBALT	DUP	TR1	2.3	UG/L	U	V1	2.3	1	2190	D&D Bldg 779	YES
00100	11/15/01	GW07855RG	COPPER	REAL	TR1	1.3	UG/L	B	J1	0.55	1	1300	D&D Bldg 779	YES
00100	11/15/01	GW07856RG	COPPER	DUP	TR1	0.76	UG/L	B	J1	0.55	1	1300	D&D Bldg 779	YES
00100	11/15/01	GW07855RG	IRON	REAL	TR1	16	UG/L	U	V1	16	1		D&D Bldg 779	YES
00100	11/15/01	GW07856RG	IRON	DUP	TR1	16	UG/L	U	V1	16	1		D&D Bldg 779	YES
00100	11/15/01	GW07855RG	LEAD	REAL	TR1	1	UG/L	U	J1	1	1	15	D&D Bldg 779	YES
00100	11/15/01	GW07856RG	LEAD	DUP	TR1	1	UG/L	U	J1	1	1	15	D&D Bldg 779	YES
00100	11/15/01	GW07855RG	LITHIUM	REAL	TR1	8.9	UG/L	B	V1	4.1	1	730	D&D Bldg 779	YES
00100	11/15/01	GW07856RG	LITHIUM	DUP	TR1	12.3	UG/L	B	V1	4.1	1	730	D&D Bldg 779	YES
00100	11/15/01	GW07855RG	MAGNESIUM	REAL	TR1	12600	UG/L		V1	36	1		D&D Bldg 779	YES
00100	11/15/01	GW07856RG	MAGNESIUM	DUP	TR1	12700	UG/L		V1	36	1		D&D Bldg 779	YES
00100	11/15/01	GW07855RG	MANGANESE	REAL	TR1	77.6	UG/L		V1	0.23	1	1720	D&D Bldg 779	YES
00100	11/15/01	GW07856RG	MANGANESE	DUP	TR1	75.8	UG/L		V1	0.23	1	1720	D&D Bldg 779	YES
00100	11/15/01	GW07855RG	MERCURY	REAL	TR1	0.023	UG/L	U	J1	0.023	1	2	D&D Bldg 779	YES
00100	11/15/01	GW07856RG	MERCURY	DUP	TR1	0.023	UG/L	U	J1	0.023	1	2	D&D Bldg 779	YES
00100	11/15/01	GW07855RG	MOLYBDENUM	REAL	TR1	1.5	UG/L	B	J1	0.63	1	183	D&D Bldg 779	YES
00100	11/15/01	GW07856RG	MOLYBDENUM	DUP	TR1	1.3	UG/L	B	J1	0.63	1	183	D&D Bldg 779	YES
00100	11/15/01	GW07855RG	NICKEL	REAL	TR1	11.3	UG/L	B	V1	3.4	1	140	D&D Bldg 779	YES
00100	11/15/01	GW07856RG	NICKEL	DUP	TR1	10.5	UG/L	B	V1	3.4	1	140	D&D Bldg 779	YES
00100	11/15/01	GW07855RG	POTASSIUM	REAL	TR1	892	UG/L	B	J1	700	1		D&D Bldg 779	YES
00100	11/15/01	GW07856RG	POTASSIUM	DUP	TR1	1120	UG/L	B	J1	700	1		D&D Bldg 779	YES
00100	11/15/01	GW07855RG	SELENIUM	REAL	TR1	2.4	UG/L	U	V1	2.4	1	50	D&D Bldg 779	YES
00100	11/15/01	GW07856RG	SELENIUM	DUP	TR1	2.4	UG/L	U	V1	2.4	1	50	D&D Bldg 779	YES
00100	11/15/01	GW07855RG	SILVER	REAL	TR1	0.23	UG/L	U	V1	0.23	1	183	D&D Bldg 779	YES
00100	11/15/01	GW07856RG	SILVER	DUP	TR1	0.23	UG/L	U	V1	0.23	1	183	D&D Bldg 779	YES
00100	11/15/01	GW07855RG	SODIUM	REAL	TR1	25400	UG/L		V1	3500	1		D&D Bldg 779	YES
00100	11/15/01	GW07856RG	SODIUM	DUP	TR1	26200	UG/L		V1	3500	1		D&D Bldg 779	YES
00100	11/15/01	GW07855RG	STRONTIUM	REAL	TR1	382	UG/L		V1	0.18	1	21900	D&D Bldg 779	YES
00100	11/15/01	GW07856RG	STRONTIUM	DUP	TR1	378	UG/L		V1	0.18	1	21900	D&D Bldg 779	YES
00100	11/15/01	GW07855RG	THALLIUM	REAL	TR1	2.5	UG/L	B	J1	2.1	1	2	D&D Bldg 779	YES
00100	11/15/01	GW07856RG	THALLIUM	DUP	TR1	2.9	UG/L	B	J1	2.1	1	2	D&D Bldg 779	YES
00100	11/15/01	GW07855RG	TIN	REAL	TR1	2.2	UG/L	U	V1	2.2	1	21900	D&D Bldg 779	YES
00100	11/15/01	GW07856RG	TIN	DUP	TR1	3.2	UG/L	B	UJ1	2.2	1	21900	D&D Bldg 779	YES
00100	11/15/01	GW07855RG	URANIUM, TOTAL	REAL	TR1	68	UG/L	U	V1	68	1		D&D Bldg 779	YES
00100	11/15/01	GW07856RG	URANIUM, TOTAL	DUP	TR1	68	UG/L	U	V1	68	1		D&D Bldg 779	YES
00100	11/15/01	GW07855RG	VANADIUM	REAL	TR1	2.5	UG/L	U	V1	2.5	1	256	D&D Bldg 779	YES
00100	11/15/01	GW07856RG	VANADIUM	DUP	TR1	2.5	UG/L	U	V1	2.5	1	256	D&D Bldg 779	YES
00100	11/15/01	GW07855RG	ZINC	REAL	TR1	6.5	UG/L	U	V1	6.5	1	11000	D&D Bldg 779	YES
00100	11/15/01	GW07856RG	ZINC	DUP	TR1	6.5	UG/L	U	V1	6.5	1	11000	D&D Bldg 779	YES
00100	11/15/01	GW07857RG	ALUMINUM	RNS	TR1	12	UG/L	U	J1	12	1	36500	D&D Bldg 779	YES

## Appendix A: Groundwater Analytical Data - Metals

Fourth Quarter 2001

Location	Sample Date	Sample #	Analyte	QC Type	Result Type	Result	Units	Lab Qual	Validation	Detect Limit	Dilution	Tier II	IMP Well Class	Filtered
00100	11/15/01	GW07857RG	ANTIMONY	RNS	TR1	1.4	UG/L	U	J1	1.4	1	6	D&D Bldg 779	YES
00100	11/15/01	GW07857RG	ARSENIC	RNS	TR1	1.7	UG/L	U	J1	1.7	1	50	D&D Bldg 779	YES
00100	11/15/01	GW07857RG	BARIUM	RNS	TR1	4.9	UG/L	B	V1	0.43	1	2000	D&D Bldg 779	YES
00100	11/15/01	GW07857RG	BERYLLIUM	RNS	TR1	0.25	UG/L	U	V1	0.25	1	4	D&D Bldg 779	YES
00100	11/15/01	GW07857RG	CADMIUM	RNS	TR1	0.18	UG/L	U	J1	0.18	1	5	D&D Bldg 779	YES
00100	11/15/01	GW07857RG	CALCIUM	RNS	TR1	45	UG/L	U	V1	45	1		D&D Bldg 779	YES
00100	11/15/01	GW07857RG	CHROMIUM	RNS	TR1	0.26	UG/L	U	J1	0.26	1	100	D&D Bldg 779	YES
00100	11/15/01	GW07857RG	COBALT	RNS	TR1	2.3	UG/L	U	V1	2.3	1	2190	D&D Bldg 779	YES
00100	11/15/01	GW07857RG	COPPER	RNS	TR1	0.55	UG/L	U	J1	0.55	1	1300	D&D Bldg 779	YES
00100	11/15/01	GW07857RG	IRON	RNS	TR1	16	UG/L	U	V1	16	1		D&D Bldg 779	YES
00100	11/15/01	GW07857RG	LEAD	RNS	TR1	1	UG/L	U	J1	1	1	15	D&D Bldg 779	YES
00100	11/15/01	GW07857RG	LITHIUM	RNS	TR1	4.1	UG/L	U	V1	4.1	1	730	D&D Bldg 779	YES
00100	11/15/01	GW07857RG	MAGNESIUM	RNS	TR1	36	UG/L	U	V1	36	1		D&D Bldg 779	YES
00100	11/15/01	GW07857RG	MANGANESE	RNS	TR1	5.3	UG/L	B	V1	0.23	1	1720	D&D Bldg 779	YES
00100	11/15/01	GW07857RG	MERCURY	RNS	TR1	0.023	UG/L	U	J1	0.023	1	2	D&D Bldg 779	YES
00100	11/15/01	GW07857RG	MOLYBDENUM	RNS	TR1	0.63	UG/L	U	J1	0.63	1	183	D&D Bldg 779	YES
00100	11/15/01	GW07857RG	NICKEL	RNS	TR1	3.4	UG/L	U	V1	3.4	1	140	D&D Bldg 779	YES
00100	11/15/01	GW07857RG	POTASSIUM	RNS	TR1	700	UG/L	U	V1	700	1		D&D Bldg 779	YES
00100	11/15/01	GW07857RG	SELENIUM	RNS	TR1	2.4	UG/L	U	V1	2.4	1	50	D&D Bldg 779	YES
00100	11/15/01	GW07857RG	SILVER	RNS	TR1	0.23	UG/L	U	V1	0.23	1	183	D&D Bldg 779	YES
00100	11/15/01	GW07857RG	SODIUM	RNS	TR1	3500	UG/L	U	V1	3500	1		D&D Bldg 779	YES
00100	11/15/01	GW07857RG	STRONTIUM	RNS	TR1	0.74	UG/L	B	V1	0.18	1	21900	D&D Bldg 779	YES
00100	11/15/01	GW07857RG	THALLIUM	RNS	TR1	2.1	UG/L	U	J1	2.1	1	2	D&D Bldg 779	YES
00100	11/15/01	GW07857RG	TIN	RNS	TR1	2.2	UG/L	U	V1	2.2	1	21900	D&D Bldg 779	YES
00100	11/15/01	GW07857RG	URANIUM, TOTAL	RNS	TR1	68	UG/L	U	V1	68	1		D&D Bldg 779	YES
00100	11/15/01	GW07857RG	VANADIUM	RNS	TR1	2.5	UG/L	U	V1	2.5	1	256	D&D Bldg 779	YES
00100	11/15/01	GW07857RG	ZINC	RNS	TR1	6.5	UG/L	U	V1	6.5	1	11000	D&D Bldg 779	YES
00200	10/18/01	GW07842RG	ALUMINUM	REAL	TR1	24.6	UG/L		V1	12	1	36500	D&D Bldg 707	YES
00200	10/18/01	GW07842RG	ANTIMONY	REAL	TR1	1.4	UG/L	U	J1	1.4	1	6	D&D Bldg 707	YES
00200	10/18/01	GW07842RG	ARSENIC	REAL	TR1	1.7	UG/L	U	V1	1.7	1	50	D&D Bldg 707	YES
00200	10/18/01	GW07842RG	BARIUM	REAL	TR1	76.9	UG/L	B	V1	0.43	1	2000	D&D Bldg 707	YES
00200	10/18/01	GW07842RG	BERYLLIUM	REAL	TR1	0.25	UG/L	U	V1	0.25	1	4	D&D Bldg 707	YES
00200	10/18/01	GW07842RG	CADMIUM	REAL	TR1	0.99	UG/L	B	UJ1	0.18	1	5	D&D Bldg 707	YES
00200	10/18/01	GW07842RG	CALCIUM	REAL	TR1	26900	UG/L		V1	45	1		D&D Bldg 707	YES
00200	10/18/01	GW07842RG	CHROMIUM	REAL	TR1	0.25	UG/L	U	J1	0.25	1	100	D&D Bldg 707	YES
00200	10/18/01	GW07842RG	COBALT	REAL	TR1	2.3	UG/L	U	V1	2.3	1	2190	D&D Bldg 707	YES
00200	10/18/01	GW07842RG	COPPER	REAL	TR1	1	UG/L	B	UJ1	0.55	1	1300	D&D Bldg 707	YES
00200	10/18/01	GW07842RG	IRON	REAL	TR1	30.6	UG/L	B	UJ1	16	1		D&D Bldg 707	YES
00200	10/18/01	GW07842RG	LEAD	REAL	TR1	1	UG/L	U	J1	1	1	15	D&D Bldg 707	YES
00200	10/18/01	GW07842RG	LITHIUM	REAL	TR1	12.6	UG/L	B	V1	4.1	1	730	D&D Bldg 707	YES
00200	10/18/01	GW07842RG	MAGNESIUM	REAL	TR1	5610	UG/L		V1	36	1		D&D Bldg 707	YES
00200	10/18/01	GW07842RG	MANGANESE	REAL	TR1	0.76	UG/L	B	UJ1	0.23	1	1720	D&D Bldg 707	YES
00200	10/18/01	GW07842RG	MERCURY	REAL	TR1	0.023	UG/L	U	V1	0.023	1	2	D&D Bldg 707	YES
00200	10/18/01	GW07842RG	MOLYBDENUM	REAL	TR1	2.3	UG/L	B	UJ1	0.63	1	183	D&D Bldg 707	YES
00200	10/18/01	GW07842RG	NICKEL	REAL	TR1	3.4	UG/L	U	V1	3.4	1	140	D&D Bldg 707	YES
00200	10/18/01	GW07842RG	POTASSIUM	REAL	TR1	747	UG/L	B	J1	700	1		D&D Bldg 707	YES
00200	10/18/01	GW07842RG	SELENIUM	REAL	TR1	2.4	UG/L	U	J1	2.4	1	50	D&D Bldg 707	YES
00200	10/18/01	GW07842RG	SILVER	REAL	TR1	0.23	UG/L	U	J1	0.23	1	183	D&D Bldg 707	YES
00200	10/18/01	GW07842RG	SODIUM	REAL	TR1	12200	UG/L		V1	3500	1		D&D Bldg 707	YES
00200	10/18/01	GW07842RG	STRONTIUM	REAL	TR1	158	UG/L	B	V1	0.18	1	21900	D&D Bldg 707	YES
00200	10/18/01	GW07842RG	THALLIUM	REAL	TR1	3.9	UG/L	B	UJ1	2.1	1	2	D&D Bldg 707	YES
00200	10/18/01	GW07842RG	TIN	REAL	TR1	2.2	UG/L	U	V1	2.2	1	21900	D&D Bldg 707	YES
00200	10/18/01	GW07842RG	URANIUM, TOTAL	REAL	TR1	68	UG/L	U	V1	68	1		D&D Bldg 707	YES
00200	10/18/01	GW07842RG	VANADIUM	REAL	TR1	2.5	UG/L	U	V1	2.5	1	256	D&D Bldg 707	YES
00200	10/18/01	GW07842RG	ZINC	REAL	TR1	6.5	UG/L	U	V1	6.5	1	11000	D&D Bldg 707	YES
00300	10/10/01	GW07843RG	ALUMINUM	REAL	TR1	12	UG/L	U	V1	12	1	36500	D&D Bldg 707	YES
00300	10/10/01	GW07843RG	ANTIMONY	REAL	TR1	1.4	UG/L	U	J1	1.4	1	6	D&D Bldg 707	YES

## Appendix A: Groundwater Analytical Data - Metals

Fourth Quarter 2001

Location	Sample Date	Sample #	Analyte	QC Type	Result Type	Result	Units	Lab Qual	Validation	Detect Limit	Dilution	Tier II	IMP Well Class	Filtered
00300	10/10/01	GW07843RG	ARSENIC	REAL	TR1	1.7	UG/L	U	J1	1.7	1	50	D&D Bldg 707	YES
00300	10/10/01	GW07843RG	BARIUM	REAL	TR1	104	UG/L		V1	0.43	1	2000	D&D Bldg 707	YES
00300	10/10/01	GW07843RG	BERYLLIUM	REAL	TR1	0.25	UG/L	U	V1	0.25	1	4	D&D Bldg 707	YES
00300	10/10/01	GW07843RG	CADMIUM	REAL	TR1	1.4	UG/L		V1	0.18	1	5	D&D Bldg 707	YES
00300	10/10/01	GW07843RG	CALCIUM	REAL	TR1	102000	UG/L		V1	45	1		D&D Bldg 707	YES
00300	10/10/01	GW07843RG	CHROMIUM	REAL	TR1	0.26	UG/L	U	V1	0.26	1	100	D&D Bldg 707	YES
00300	10/10/01	GW07843RG	COBALT	REAL	TR1	2.3	UG/L	U	V1	2.3	1	2190	D&D Bldg 707	YES
00300	10/10/01	GW07843RG	COPPER	REAL	TR1	1.5	UG/L	B	UJ1	0.55	1	1300	D&D Bldg 707	YES
00300	10/10/01	GW07843RG	IRON	REAL	TR1	16	UG/L	U	V1	16	1		D&D Bldg 707	YES
00300	10/10/01	GW07843RG	LEAD	REAL	TR1	1	UG/L	U	V1	1	1	15	D&D Bldg 707	YES
00300	10/10/01	GW07843RG	LITHIUM	REAL	TR1	87.6	UG/L	B	J1	4.1	1	730	D&D Bldg 707	YES
00300	10/10/01	GW07843RG	MAGNESIUM	REAL	TR1	47300	UG/L		V1	36	1		D&D Bldg 707	YES
00300	10/10/01	GW07843RG	MANGANESE	REAL	TR1	2.1	UG/L	B	UJ1	0.23	1	1720	D&D Bldg 707	YES
00300	10/10/01	GW07843RG	MERCURY	REAL	TR1	0.074	UG/L	B	V1	0.023	1	2	D&D Bldg 707	YES
00300	10/10/01	GW07843RG	MOLYBDENUM	REAL	TR1	7.9	UG/L	B	V1	0.63	1	183	D&D Bldg 707	YES
00300	10/10/01	GW07843RG	NICKEL	REAL	TR1	3.4	UG/L	U	V1	3.4	1	140	D&D Bldg 707	YES
00300	10/10/01	GW07843RG	POTASSIUM	REAL	TR1	1570	UG/L	B	J1	700	1		D&D Bldg 707	YES
00300	10/10/01	GW07843RG	SELENIUM	REAL	TR1	2.7	UG/L	B	V1	2.4	1	50	D&D Bldg 707	YES
00300	10/10/01	GW07843RG	SILVER	REAL	TR1	0.23	UG/L	U	J1	0.23	1	183	D&D Bldg 707	YES
00300	10/10/01	GW07843RG	SODIUM	REAL	TR1	176000	UG/L		V1	3500	1		D&D Bldg 707	YES
00300	10/10/01	GW07843RG	STRONTIUM	REAL	TR1	1070	UG/L		V1	0.18	1	21900	D&D Bldg 707	YES
00300	10/10/01	GW07843RG	THALLIUM	REAL	TR1	3	UG/L	B	UJ1	2.1	1	2	D&D Bldg 707	YES
00300	10/10/01	GW07843RG	TIN	REAL	TR1	2.2	UG/L	U	V1	2.2	1	21900	D&D Bldg 707	YES
00300	10/10/01	GW07843RG	URANIUM, TOTAL	REAL	TR1	68	UG/L	U	V1	68	1		D&D Bldg 707	YES
00300	10/10/01	GW07843RG	VANADIUM	REAL	TR1	2.5	UG/L	U	V1	2.5	1	256	D&D Bldg 707	YES
00300	10/10/01	GW07843RG	ZINC	REAL	TR1	12	UG/L	B	V1	6.5	1	11000	D&D Bldg 707	YES
00400	11/28/01	GW07848RG	ALUMINUM	REAL	TR1	22.9	UG/L		V1	12	1	36500	D&D Bldg 776/777	YES
00400	11/28/01	GW07848RG	ANTIMONY	REAL	TR1	1.4	UG/L	U	V1	1.4	1	6	D&D Bldg 776/777	YES
00400	11/28/01	GW07848RG	ARSENIC	REAL	TR1	1.7	UG/L	U	J1	1.7	1	50	D&D Bldg 776/777	YES
00400	11/28/01	GW07848RG	BARIUM	REAL	TR1	43.8	UG/L	B	V1	0.43	1	2000	D&D Bldg 776/777	YES
00400	11/28/01	GW07848RG	BERYLLIUM	REAL	TR1	0.25	UG/L	U	V1	0.25	1	4	D&D Bldg 776/777	YES
00400	11/28/01	GW07848RG	CADMIUM	REAL	TR1	1.7	UG/L		V1	0.18	1	5	D&D Bldg 776/777	YES
00400	11/28/01	GW07848RG	CALCIUM	REAL	TR1	31500	UG/L		V1	45	1		D&D Bldg 776/777	YES
00400	11/28/01	GW07848RG	CHROMIUM	REAL	TR1	0.53	UG/L	B	UJ1	0.26	1	100	D&D Bldg 776/777	YES
00400	11/28/01	GW07848RG	COBALT	REAL	TR1	2.3	UG/L	U	V1	2.3	1	2190	D&D Bldg 776/777	YES
00400	11/28/01	GW07848RG	COPPER	REAL	TR1	0.55	UG/L	U	J1	0.55	1	1300	D&D Bldg 776/777	YES
00400	11/28/01	GW07848RG	IRON	REAL	TR1	16.7	UG/L	B	V1	16	1		D&D Bldg 776/777	YES
00400	11/28/01	GW07848RG	LEAD	REAL	TR1	1	UG/L	U	V1	1	1	15	D&D Bldg 776/777	YES
00400	11/28/01	GW07848RG	LITHIUM	REAL	TR1	7.2	UG/L	B	V1	4.1	1	730	D&D Bldg 776/777	YES
00400	11/28/01	GW07848RG	MAGNESIUM	REAL	TR1	10700	UG/L		V1	36	1		D&D Bldg 776/777	YES
00400	11/28/01	GW07848RG	MANGANESE	REAL	TR1	1.2	UG/L	B	UJ1	0.23	1	1720	D&D Bldg 776/777	YES
00400	11/28/01	GW07848RG	MERCURY	REAL	TR1	0.023	UG/L	U	J1	0.023	1	2	D&D Bldg 776/777	YES
00400	11/28/01	GW07848RG	MOLYBDENUM	REAL	TR1	7.3	UG/L	B	V1	0.63	1	183	D&D Bldg 776/777	YES
00400	11/28/01	GW07848RG	NICKEL	REAL	TR1	3.4	UG/L	U	V1	3.4	1	140	D&D Bldg 776/777	YES
00400	11/28/01	GW07848RG	POTASSIUM	REAL	TR1	700	UG/L	U	V1	700	1		D&D Bldg 776/777	YES
00400	11/28/01	GW07848RG	SELENIUM	REAL	TR1	3.2	UG/L		J1	2.4	1	50	D&D Bldg 776/777	YES
00400	11/28/01	GW07848RG	SILVER	REAL	TR1	0.23	UG/L	U	J1	0.23	1	183	D&D Bldg 776/777	YES
00400	11/28/01	GW07848RG	SODIUM	REAL	TR1	15900	UG/L		V1	3500	1		D&D Bldg 776/777	YES
00400	11/28/01	GW07848RG	STRONTIUM	REAL	TR1	288	UG/L		V1	0.18	1	21900	D&D Bldg 776/777	YES
00400	11/28/01	GW07848RG	THALLIUM	REAL	TR1	2.1	UG/L	U	J1	2.1	1	2	D&D Bldg 776/777	YES
00400	11/28/01	GW07848RG	TIN	REAL	TR1	2.2	UG/L	U	V1	2.2	1	21900	D&D Bldg 776/777	YES
00400	11/28/01	GW07848RG	URANIUM, TOTAL	REAL	TR1	68	UG/L	U	V1	68	1		D&D Bldg 776/777	YES
00400	11/28/01	GW07848RG	VANADIUM	REAL	TR1	2.5	UG/L	U	V1	2.5	1	256	D&D Bldg 776/777	YES
00400	11/28/01	GW07848RG	ZINC	REAL	TR1	6.9	UG/L	B	V1	6.5	1	11000	D&D Bldg 776/777	YES
00500	11/12/01	GW07849RG	ALUMINUM	REAL	TR1	354	UG/L		J1	12	1	36500	D&D Bldg 776/777	YES
00500	11/12/01	GW07849RG	ANTIMONY	REAL	TR1	1.4	UG/L	U	J1	1.4	1	6	D&D Bldg 776/777	YES
00500	11/12/01	GW07849RG	ARSENIC	REAL	TR1	6.4	UG/L		J1	1.7	1	50	D&D Bldg 776/777	YES

## Appendix A: Groundwater Analytical Data - Metals

Fourth Quarter 2001

Location	Sample Date	Sample #	Analyte	QC Type	Result Type	Result	Units	Lab Qual	Valid-ation	Detect Limit	Dilu-tion	Tier II	IMP Well Class	Filtered
00500	11/12/01	GW07849RG	BARIUM	REAL	TR1	157	UG/L		V1	0.43	1	2000	D&D Bldg 776/777	YES
00500	11/12/01	GW07849RG	BERYLLIUM	REAL	TR1	0.25	UG/L	U	V1	0.25	1	4	D&D Bldg 776/777	YES
00500	11/12/01	GW07849RG	CADMIUM	REAL	TR1	0.18	UG/L	U	J1	0.18	1	5	D&D Bldg 776/777	YES
00500	11/12/01	GW07849RG	CALCIUM	REAL	TR1	79800	UG/L		V1	45	1		D&D Bldg 776/777	YES
00500	11/12/01	GW07849RG	CHROMIUM	REAL	TR1	0.9	UG/L	B	J1	0.26	1	100	D&D Bldg 776/777	YES
00500	11/12/01	GW07849RG	COBALT	REAL	TR1	2.3	UG/L	U	V1	2.3	1	2190	D&D Bldg 776/777	YES
00500	11/12/01	GW07849RG	COPPER	REAL	TR1	0.83	UG/L	B	J1	0.55	1	1300	D&D Bldg 776/777	YES
00500	11/12/01	GW07849RG	IRON	REAL	TR1	11900	UG/L		V1	16	1		D&D Bldg 776/777	YES
00500	11/12/01	GW07849RG	LEAD	REAL	TR1	1	UG/L	U	J1	1	1	15	D&D Bldg 776/777	YES
00500	11/12/01	GW07849RG	LITHIUM	REAL	TR1	291	UG/L		V1	4.1	1	730	D&D Bldg 776/777	YES
00500	11/12/01	GW07849RG	MAGNESIUM	REAL	TR1	12900	UG/L		V1	36	1		D&D Bldg 776/777	YES
00500	11/12/01	GW07849RG	MANGANESE	REAL	TR1	2610	UG/L		V1	0.23	1	1720	D&D Bldg 776/777	YES
00500	11/12/01	GW07849RG	MERCURY	REAL	TR1	0.023	UG/L	U	J1	0.023	1	2	D&D Bldg 776/777	YES
00500	11/12/01	GW07849RG	MOLYBDENUM	REAL	TR1	0.92	UG/L	B	J1	0.63	1	183	D&D Bldg 776/777	YES
00500	11/12/01	GW07849RG	NICKEL	REAL	TR1	5.9	UG/L	B	V1	3.4	1	140	D&D Bldg 776/777	YES
00500	11/12/01	GW07849RG	POTASSIUM	REAL	TR1	3700	UG/L	B	J1	700	1		D&D Bldg 776/777	YES
00500	11/12/01	GW07849RG	SELENIUM	REAL	TR1	2.4	UG/L	U	V1	2.4	1	50	D&D Bldg 776/777	YES
00500	11/12/01	GW07849RG	SILVER	REAL	TR1	0.23	UG/L	U	V1	0.23	1	183	D&D Bldg 776/777	YES
00500	11/12/01	GW07849RG	SODIUM	REAL	TR1	68100	UG/L		V1	3500	1		D&D Bldg 776/777	YES
00500	11/12/01	GW07849RG	STRONTIUM	REAL	TR1	353	UG/L		V1	0.18	1	21900	D&D Bldg 776/777	YES
00500	11/12/01	GW07849RG	THALLIUM	REAL	TR1	2.4	UG/L	B	J1	2.1	1	2	D&D Bldg 776/777	YES
00500	11/12/01	GW07849RG	TIN	REAL	TR1	2.3	UG/L	B	UJ1	2.2	1	21900	D&D Bldg 776/777	YES
00500	11/12/01	GW07849RG	URANIUM, TOTAL	REAL	TR1	68	UG/L	U	V1	68	1		D&D Bldg 776/777	YES
00500	11/12/01	GW07849RG	VANADIUM	REAL	TR1	2.5	UG/L	U	V1	2.5	1	256	D&D Bldg 776/777	YES
00500	11/12/01	GW07849RG	ZINC	REAL	TR1	6.5	UG/L	U	V1	6.5	1	11000	D&D Bldg 776/777	YES
00600	11/15/01	GW07850RG	ALUMINUM	REAL	TR1	12	UG/L	U	J1	12	1	36500	D&D Bldg 776/777	YES
00600	11/15/01	GW07851RG	ALUMINUM	DUP	TR1	12	UG/L	U	J1	12	1	36500	D&D Bldg 776/777	YES
00600	11/15/01	GW07850RG	ANTIMONY	REAL	TR1	1.4	UG/L	U	J1	1.4	1	6	D&D Bldg 776/777	YES
00600	11/15/01	GW07851RG	ANTIMONY	DUP	TR1	1.4	UG/L	U	J1	1.4	1	6	D&D Bldg 776/777	YES
00600	11/15/01	GW07850RG	ARSENIC	REAL	TR1	9.6	UG/L		J1	1.7	1	50	D&D Bldg 776/777	YES
00600	11/15/01	GW07851RG	ARSENIC	DUP	TR1	11.4	UG/L		J1	1.7	1	50	D&D Bldg 776/777	YES
00600	11/15/01	GW07850RG	BARIUM	REAL	TR1	127	UG/L		V1	0.43	1	2000	D&D Bldg 776/777	YES
00600	11/15/01	GW07851RG	BARIUM	DUP	TR1	126	UG/L		V1	0.43	1	2000	D&D Bldg 776/777	YES
00600	11/15/01	GW07850RG	BERYLLIUM	REAL	TR1	0.25	UG/L	U	V1	0.25	1	4	D&D Bldg 776/777	YES
00600	11/15/01	GW07851RG	BERYLLIUM	DUP	TR1	0.25	UG/L	U	V1	0.25	1	4	D&D Bldg 776/777	YES
00600	11/15/01	GW07850RG	CADMIUM	REAL	TR1	0.18	UG/L	U	J1	0.18	1	5	D&D Bldg 776/777	YES
00600	11/15/01	GW07851RG	CADMIUM	DUP	TR1	0.18	UG/L	U	J1	0.18	1	5	D&D Bldg 776/777	YES
00600	11/15/01	GW07850RG	CALCIUM	REAL	TR1	86200	UG/L		V1	45	1		D&D Bldg 776/777	YES
00600	11/15/01	GW07851RG	CALCIUM	DUP	TR1	85900	UG/L		V1	45	1		D&D Bldg 776/777	YES
00600	11/15/01	GW07850RG	CHROMIUM	REAL	TR1	0.26	UG/L	U	J1	0.26	1	100	D&D Bldg 776/777	YES
00600	11/15/01	GW07851RG	CHROMIUM	DUP	TR1	0.26	UG/L	U	J1	0.26	1	100	D&D Bldg 776/777	YES
00600	11/15/01	GW07850RG	COBALT	REAL	TR1	7.4	UG/L	B	V1	2.3	1	2190	D&D Bldg 776/777	YES
00600	11/15/01	GW07851RG	COBALT	DUP	TR1	7.7	UG/L	B	V1	2.3	1	2190	D&D Bldg 776/777	YES
00600	11/15/01	GW07850RG	COPPER	REAL	TR1	0.55	UG/L	U	J1	0.55	1	1300	D&D Bldg 776/777	YES
00600	11/15/01	GW07851RG	COPPER	DUP	TR1	0.55	UG/L	U	J1	0.55	1	1300	D&D Bldg 776/777	YES
00600	11/15/01	GW07850RG	IRON	REAL	TR1	7080	UG/L		V1	16	1		D&D Bldg 776/777	YES
00600	11/15/01	GW07851RG	IRON	DUP	TR1	7470	UG/L		V1	16	1		D&D Bldg 776/777	YES
00600	11/15/01	GW07850RG	LEAD	REAL	TR1	1	UG/L	U	J1	1	1	15	D&D Bldg 776/777	YES
00600	11/15/01	GW07851RG	LEAD	DUP	TR1	1	UG/L	U	J1	1	1	15	D&D Bldg 776/777	YES
00600	11/15/01	GW07850RG	LITHIUM	REAL	TR1	4.8	UG/L	B	V1	4.1	1	730	D&D Bldg 776/777	YES
00600	11/15/01	GW07851RG	LITHIUM	DUP	TR1	4.1	UG/L	U	V1	4.1	1	730	D&D Bldg 776/777	YES
00600	11/15/01	GW07850RG	MAGNESIUM	REAL	TR1	15500	UG/L		V1	36	1		D&D Bldg 776/777	YES
00600	11/15/01	GW07851RG	MAGNESIUM	DUP	TR1	15500	UG/L		V1	36	1		D&D Bldg 776/777	YES
00600	11/15/01	GW07850RG	MANGANESE	REAL	TR1	1180	UG/L		V1	0.23	1	1720	D&D Bldg 776/777	YES
00600	11/15/01	GW07851RG	MANGANESE	DUP	TR1	1170	UG/L		V1	0.23	1	1720	D&D Bldg 776/777	YES
00600	11/15/01	GW07850RG	MERCURY	REAL	TR1	0.023	UG/L	U	J1	0.023	1	2	D&D Bldg 776/777	YES
00600	11/15/01	GW07851RG	MERCURY	DUP	TR1	0.023	UG/L	U	J1	0.023	1	2	D&D Bldg 776/777	YES



Location	Sample Date	Sample #	Analyte	QC Type	Result Type	Result	Units	Lab Qual	Validation	Detect Limit	Dilution	Tier II	IMP Well Class	Filtered
00600	11/15/01	GW07850RG	MOLYBDENUM	REAL	TR1	2	UG/L	B	J1	0.63	1	183	D&D Bldg 776/777	YES
00600	11/15/01	GW07851RG	MOLYBDENUM	DUP	TR1	1.6	UG/L	B	J1	0.63	1	183	D&D Bldg 776/777	YES
00600	11/15/01	GW07850RG	NICKEL	REAL	TR1	7.1	UG/L	B	V1	3.4	1	140	D&D Bldg 776/777	YES
00600	11/15/01	GW07851RG	NICKEL	DUP	TR1	7.2	UG/L	B	V1	3.4	1	140	D&D Bldg 776/777	YES
00600	11/15/01	GW07850RG	POTASSIUM	REAL	TR1	700	UG/L	U	V1	700	1		D&D Bldg 776/777	YES
00600	11/15/01	GW07851RG	POTASSIUM	DUP	TR1	700	UG/L	U	V1	700	1		D&D Bldg 776/777	YES
00600	11/15/01	GW07850RG	SELENIUM	REAL	TR1	2.4	UG/L	U	V1	2.4	1	50	D&D Bldg 776/777	YES
00600	11/15/01	GW07851RG	SELENIUM	DUP	TR1	2.4	UG/L	U	V1	2.4	1	50	D&D Bldg 776/777	YES
00600	11/15/01	GW07850RG	SILVER	REAL	TR1	0.23	UG/L	U	V1	0.23	1	183	D&D Bldg 776/777	YES
00600	11/15/01	GW07851RG	SILVER	DUP	TR1	0.23	UG/L	U	V1	0.23	1	183	D&D Bldg 776/777	YES
00600	11/15/01	GW07850RG	SODIUM	REAL	TR1	17200	UG/L		V1	3500	1		D&D Bldg 776/777	YES
00600	11/15/01	GW07851RG	SODIUM	DUP	TR1	17200	UG/L		V1	3500	1		D&D Bldg 776/777	YES
00600	11/15/01	GW07850RG	STRONTIUM	REAL	TR1	409	UG/L		V1	0.18	1	21900	D&D Bldg 776/777	YES
00600	11/15/01	GW07851RG	STRONTIUM	DUP	TR1	406	UG/L		V1	0.18	1	21900	D&D Bldg 776/777	YES
00600	11/15/01	GW07850RG	THALLIUM	REAL	TR1	4.4	UG/L		J1	2.1	1	2	D&D Bldg 776/777	YES
00600	11/15/01	GW07851RG	THALLIUM	DUP	TR1	2.9	UG/L	B	J1	2.1	1	2	D&D Bldg 776/777	YES
00600	11/15/01	GW07850RG	TIN	REAL	TR1	2.2	UG/L	U	V1	2.2	1	21900	D&D Bldg 776/777	YES
00600	11/15/01	GW07851RG	TIN	DUP	TR1	2.2	UG/L	U	V1	2.2	1	21900	D&D Bldg 776/777	YES
00600	11/15/01	GW07850RG	URANIUM, TOTAL	REAL	TR1	68	UG/L	U	V1	68	1		D&D Bldg 776/777	YES
00600	11/15/01	GW07851RG	URANIUM, TOTAL	DUP	TR1	68	UG/L	U	V1	68	1		D&D Bldg 776/777	YES
00600	11/15/01	GW07850RG	VANADIUM	REAL	TR1	2.5	UG/L	U	V1	2.5	1	256	D&D Bldg 776/777	YES
00600	11/15/01	GW07851RG	VANADIUM	DUP	TR1	2.5	UG/L	U	V1	2.5	1	256	D&D Bldg 776/777	YES
00600	11/15/01	GW07850RG	ZINC	REAL	TR1	6.5	UG/L	U	V1	6.5	1	11000	D&D Bldg 776/777	YES
00600	11/15/01	GW07851RG	ZINC	DUP	TR1	6.5	UG/L	U	V1	6.5	1	11000	D&D Bldg 776/777	YES
00600	11/15/01	GW07852RG	ALUMINUM	RNS	TR1	12	UG/L	U	J1	12	1	36500	D&D Bldg 776/777	YES
00600	11/15/01	GW07852RG	ANTIMONY	RNS	TR1	1.4	UG/L	U	J1	1.4	1	6	D&D Bldg 776/777	YES
00600	11/15/01	GW07852RG	ARSENIC	RNS	TR1	1.7	UG/L	U	J1	1.7	1	50	D&D Bldg 776/777	YES
00600	11/15/01	GW07852RG	BARIUM	RNS	TR1	6.3	UG/L	B	V1	0.43	1	2000	D&D Bldg 776/777	YES
00600	11/15/01	GW07852RG	BERYLLIUM	RNS	TR1	0.25	UG/L	U	V1	0.25	1	4	D&D Bldg 776/777	YES
00600	11/15/01	GW07852RG	CADMIUM	RNS	TR1	0.18	UG/L	U	J1	0.18	1	5	D&D Bldg 776/777	YES
00600	11/15/01	GW07852RG	CALCIUM	RNS	TR1	45	UG/L	U	V1	45	1		D&D Bldg 776/777	YES
00600	11/15/01	GW07852RG	CHROMIUM	RNS	TR1	0.26	UG/L	U	J1	0.26	1	100	D&D Bldg 776/777	YES
00600	11/15/01	GW07852RG	COBALT	RNS	TR1	2.3	UG/L	U	V1	2.3	1	2190	D&D Bldg 776/777	YES
00600	11/15/01	GW07852RG	COPPER	RNS	TR1	0.55	UG/L	U	J1	0.55	1	1300	D&D Bldg 776/777	YES
00600	11/15/01	GW07852RG	IRON	RNS	TR1	16	UG/L	U	V1	16	1		D&D Bldg 776/777	YES
00600	11/15/01	GW07852RG	LEAD	RNS	TR1	1	UG/L	U	J1	1	1	15	D&D Bldg 776/777	YES
00600	11/15/01	GW07852RG	LITHIUM	RNS	TR1	4.1	UG/L	U	V1	4.1	1	730	D&D Bldg 776/777	YES
00600	11/15/01	GW07852RG	MAGNESIUM	RNS	TR1	36	UG/L	U	V1	36	1		D&D Bldg 776/777	YES
00600	11/15/01	GW07852RG	MANGANESE	RNS	TR1	8.8	UG/L	B	V1	0.23	1	1720	D&D Bldg 776/777	YES
00600	11/15/01	GW07852RG	MERCURY	RNS	TR1	0.023	UG/L	U	J1	0.023	1	2	D&D Bldg 776/777	YES
00600	11/15/01	GW07852RG	MOLYBDENUM	RNS	TR1	0.63	UG/L	U	J1	0.63	1	183	D&D Bldg 776/777	YES
00600	11/15/01	GW07852RG	NICKEL	RNS	TR1	3.4	UG/L	U	V1	3.4	1	140	D&D Bldg 776/777	YES
00600	11/15/01	GW07852RG	POTASSIUM	RNS	TR1	700	UG/L	U	V1	700	1		D&D Bldg 776/777	YES
00600	11/15/01	GW07852RG	SELENIUM	RNS	TR1	2.4	UG/L	U	V1	2.4	1	50	D&D Bldg 776/777	YES
00600	11/15/01	GW07852RG	SILVER	RNS	TR1	0.23	UG/L	U	V1	0.23	1	183	D&D Bldg 776/777	YES
00600	11/15/01	GW07852RG	SODIUM	RNS	TR1	3500	UG/L	U	V1	3500	1		D&D Bldg 776/777	YES
00600	11/15/01	GW07852RG	STRONTIUM	RNS	TR1	0.98	UG/L	B	V1	0.18	1	21900	D&D Bldg 776/777	YES
00600	11/15/01	GW07852RG	THALLIUM	RNS	TR1	2.4	UG/L	B	J1	2.1	1	2	D&D Bldg 776/777	YES
00600	11/15/01	GW07852RG	TIN	RNS	TR1	3.7	UG/L	B	UJ1	2.2	1	21900	D&D Bldg 776/777	YES
00600	11/15/01	GW07852RG	URANIUM, TOTAL	RNS	TR1	68	UG/L	U	V1	68	1		D&D Bldg 776/777	YES
00600	11/15/01	GW07852RG	VANADIUM	RNS	TR1	2.5	UG/L	U	V1	2.5	1	256	D&D Bldg 776/777	YES
00600	11/15/01	GW07852RG	ZINC	RNS	TR1	11.2	UG/L	B	V1	6.5	1	11000	D&D Bldg 776/777	YES
00700	11/14/01	GW07853RG	ALUMINUM	REAL	TR1	29.2	UG/L		UJ1	12	1	36500	D&D Bldg 776/777	YES
00700	11/14/01	GW07853RG	ANTIMONY	REAL	TR1	1.4	UG/L	U	J1	1.4	1	6	D&D Bldg 776/777	YES
00700	11/14/01	GW07853RG	ARSENIC	REAL	TR1	1.7	UG/L	U	J1	1.7	1	50	D&D Bldg 776/777	YES
00700	11/14/01	GW07853RG	BARIUM	REAL	TR1	103	UG/L		V1	0.43	1	2000	D&D Bldg 776/777	YES
00700	11/14/01	GW07853RG	BERYLLIUM	REAL	TR1	0.25	UG/L	U	V1	0.25	1	4	D&D Bldg 776/777	YES

Location	Sample Date	Sample #	Analyte	QC Type	Result Type	Result	Units	Lab Qual	Validation	Detect Limit	Dilution	Tier II	IMP Well Class	Filtered
00700	11/14/01	GW07853RG	CADMIUM	REAL	TR1	0.18	UG/L	U	J1	0.18	1	5	D&D Bldg 776/777	YES
00700	11/14/01	GW07853RG	CALCIUM	REAL	TR1	71700	UG/L		V1	45	1		D&D Bldg 776/777	YES
00700	11/14/01	GW07853RG	CHROMIUM	REAL	TR1	0.26	UG/L	U	J1	0.26	1	100	D&D Bldg 776/777	YES
00700	11/14/01	GW07853RG	COBALT	REAL	TR1	2.3	UG/L	U	V1	2.3	1	2190	D&D Bldg 776/777	YES
00700	11/14/01	GW07853RG	COPPER	REAL	TR1	0.55	UG/L	U	J1	0.55	1	1300	D&D Bldg 776/777	YES
00700	11/14/01	GW07853RG	IRON	REAL	TR1	43.9	UG/L	B	V1	16	1		D&D Bldg 776/777	YES
00700	11/14/01	GW07853RG	LEAD	REAL	TR1	1	UG/L	U	J1	1	1	15	D&D Bldg 776/777	YES
00700	11/14/01	GW07853RG	LITHIUM	REAL	TR1	19.2	UG/L	B	V1	4.1	1	730	D&D Bldg 776/777	YES
00700	11/14/01	GW07853RG	MAGNESIUM	REAL	TR1	12500	UG/L		V1	36	1		D&D Bldg 776/777	YES
00700	11/14/01	GW07853RG	MANGANESE	REAL	TR1	28.9	UG/L		V1	0.23	1	1720	D&D Bldg 776/777	YES
00700	11/14/01	GW07853RG	MERCURY	REAL	TR1	0.023	UG/L	U	J1	0.023	1	2	D&D Bldg 776/777	YES
00700	11/14/01	GW07853RG	MOLYBDENUM	REAL	TR1	0.63	UG/L	U	J1	0.63	1	183	D&D Bldg 776/777	YES
00700	11/14/01	GW07853RG	NICKEL	REAL	TR1	3.4	UG/L	U	V1	3.4	1	140	D&D Bldg 776/777	YES
00700	11/14/01	GW07853RG	POTASSIUM	REAL	TR1	1360	UG/L	B	J1	700	1		D&D Bldg 776/777	YES
00700	11/14/01	GW07853RG	SELENIUM	REAL	TR1	2.4	UG/L	U	V1	2.4	1	50	D&D Bldg 776/777	YES
00700	11/14/01	GW07853RG	SILVER	REAL	TR1	0.23	UG/L	U	V1	0.23	1	183	D&D Bldg 776/777	YES
00700	11/14/01	GW07853RG	SODIUM	REAL	TR1	19200	UG/L		V1	3500	1		D&D Bldg 776/777	YES
00700	11/14/01	GW07853RG	STRONTIUM	REAL	TR1	352	UG/L		V1	0.18	1	21900	D&D Bldg 776/777	YES
00700	11/14/01	GW07853RG	THALLIUM	REAL	TR1	2.1	UG/L	U	J1	2.1	1	2	D&D Bldg 776/777	YES
00700	11/14/01	GW07853RG	TIN	REAL	TR1	2.2	UG/L	U	V1	2.2	1	21900	D&D Bldg 776/777	YES
00700	11/14/01	GW07853RG	URANIUM, TOTAL	REAL	TR1	68	UG/L	U	V1	68	1		D&D Bldg 776/777	YES
00700	11/14/01	GW07853RG	VANADIUM	REAL	TR1	2.5	UG/L	U	V1	2.5	1	256	D&D Bldg 776/777	YES
00700	11/14/01	GW07853RG	ZINC	REAL	TR1	6.5	UG/L	U	V1	6.5	1	11000	D&D Bldg 776/777	YES
00897	10/5/01	GW07775RG	ALUMINUM	REAL	TR1	17.7	UG/L		V1	12	1	36500	Perf Monitoring	YES
00897	10/5/01	GW07775RG	ANTIMONY	REAL	TR1	1.4	UG/L	U	J1	1.4	1	6	Perf Monitoring	YES
00897	10/5/01	GW07775RG	ARSENIC	REAL	TR1	1.7	UG/L	U	J1	1.7	1	50	Perf Monitoring	YES
00897	10/5/01	GW07775RG	BARIUM	REAL	TR1	338	UG/L		V1	0.43	1	2000	Perf Monitoring	YES
00897	10/5/01	GW07775RG	BERYLLIUM	REAL	TR1	0.25	UG/L	U	V1	0.25	1	4	Perf Monitoring	YES
00897	10/5/01	GW07775RG	CADMIUM	REAL	TR1	0.18	UG/L	U	V1	0.18	1	5	Perf Monitoring	YES
00897	10/5/01	GW07775RG	CALCIUM	REAL	TR1	98500	UG/L		V1	45	1		Perf Monitoring	YES
00897	10/5/01	GW07775RG	CHROMIUM	REAL	TR1	0.86	UG/L	B	V1	0.26	1	100	Perf Monitoring	YES
00897	10/5/01	GW07775RG	COBALT	REAL	TR1	2.3	UG/L	U	V1	2.3	1	2190	Perf Monitoring	YES
00897	10/5/01	GW07775RG	COPPER	REAL	TR1	3.1	UG/L		UJ1	0.55	1	1300	Perf Monitoring	YES
00897	10/5/01	GW07775RG	IRON	REAL	TR1	16	UG/L	U	V1	16	1		Perf Monitoring	YES
00897	10/5/01	GW07775RG	LEAD	REAL	TR1	1	UG/L	U	V1	1	1	15	Perf Monitoring	YES
00897	10/5/01	GW07775RG	LITHIUM	REAL	TR1	8.7	UG/L	B	J1	4.1	1	730	Perf Monitoring	YES
00897	10/5/01	GW07775RG	MAGNESIUM	REAL	TR1	14500	UG/L		V1	36	1		Perf Monitoring	YES
00897	10/5/01	GW07775RG	MANGANESE	REAL	TR1	1.9	UG/L	B	UJ1	0.23	1	1720	Perf Monitoring	YES
00897	10/5/01	GW07775RG	MERCURY	REAL	TR1	0.023	UG/L	U	V1	0.023	1	2	Perf Monitoring	YES
00897	10/5/01	GW07775RG	MOLYBDENUM	REAL	TR1	1.9	UG/L	B	V1	0.63	1	183	Perf Monitoring	YES
00897	10/5/01	GW07775RG	NICKEL	REAL	TR1	3.4	UG/L	U	V1	3.4	1	140	Perf Monitoring	YES
00897	10/5/01	GW07775RG	POTASSIUM	REAL	TR1	990	UG/L	B	J1	700	1		Perf Monitoring	YES
00897	10/5/01	GW07775RG	SELENIUM	REAL	TR1	2.4	UG/L	U	V1	2.4	1	50	Perf Monitoring	YES
00897	10/5/01	GW07775RG	SILVER	REAL	TR1	0.23	UG/L	U	J1	0.23	1	183	Perf Monitoring	YES
00897	10/5/01	GW07775RG	SODIUM	REAL	TR1	11000	UG/L		V1	3500	1		Perf Monitoring	YES
00897	10/5/01	GW07775RG	STRONTIUM	REAL	TR1	488	UG/L		V1	0.18	1	21900	Perf Monitoring	YES
00897	10/5/01	GW07775RG	THALLIUM	REAL	TR1	4.4	UG/L		UJ1	2.1	1	2	Perf Monitoring	YES
00897	10/5/01	GW07775RG	TIN	REAL	TR1	2.2	UG/L	U	V1	2.2	1	21900	Perf Monitoring	YES
00897	10/5/01	GW07775RG	URANIUM, TOTAL	REAL	TR1	68	UG/L	U	V1	68	1		Perf Monitoring	YES
00897	10/5/01	GW07775RG	VANADIUM	REAL	TR1	2.5	UG/L	U	V1	2.5	1	256	Perf Monitoring	YES
00897	10/5/01	GW07775RG	ZINC	REAL	TR1	6.5	UG/L	U	V1	6.5	1	11000	Perf Monitoring	YES
02291	10/11/01	GW07776RG	ALUMINUM	REAL	TR1	12	UG/L	U	V1	12	1	36500	Perf Monitoring	YES
02291	10/11/01	GW07777RG	ALUMINUM	DUP	TR1	12	UG/L	U	V1	12	1	36500	Perf Monitoring	YES
02291	10/11/01	GW07776RG	ANTIMONY	REAL	TR1	1.4	UG/L	U	V1	1.4	1	6	Perf Monitoring	YES
02291	10/11/01	GW07777RG	ANTIMONY	DUP	TR1	1.4	UG/L	U	V1	1.4	1	6	Perf Monitoring	YES
02291	10/11/01	GW07776RG	ARSENIC	REAL	TR1	1.7	UG/L	U	V1	1.7	1	50	Perf Monitoring	YES
02291	10/11/01	GW07777RG	ARSENIC	DUP	TR1	1.7	UG/L	U	V1	1.7	1	50	Perf Monitoring	YES

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Location	Sample Date	Sample #	Analyte	QC Type	Result Type	Result	Units	Lab Qual	Validation	Detect Limit	Dilution	Tier II	IMP Well Class	Filtered
02291	10/11/01	GW07776RG	BARIUM	REAL	TR1	193	UG/L		V1	0.43	1	2000	Perf Monitoring	YES
02291	10/11/01	GW07777RG	BARIUM	DUP	TR1	191	UG/L		V1	0.43	1	2000	Perf Monitoring	YES
02291	10/11/01	GW07776RG	BERYLLIUM	REAL	TR1	0.25	UG/L	U	V1	0.25	1	4	Perf Monitoring	YES
02291	10/11/01	GW07777RG	BERYLLIUM	DUP	TR1	0.25	UG/L	U	V1	0.25	1	4	Perf Monitoring	YES
02291	10/11/01	GW07776RG	CADMIUM	REAL	TR1	0.52	UG/L	B	V1	0.18	1	5	Perf Monitoring	YES
02291	10/11/01	GW07777RG	CADMIUM	DUP	TR1	0.18	UG/L	U	V1	0.18	1	5	Perf Monitoring	YES
02291	10/11/01	GW07776RG	CALCIUM	REAL	TR1	77000	UG/L		V1	45	1		Perf Monitoring	YES
02291	10/11/01	GW07777RG	CALCIUM	DUP	TR1	76200	UG/L		V1	45	1		Perf Monitoring	YES
02291	10/11/01	GW07776RG	CHROMIUM	REAL	TR1	0.26	UG/L	U	V1	0.26	1	100	Perf Monitoring	YES
02291	10/11/01	GW07777RG	CHROMIUM	DUP	TR1	0.26	UG/L	U	V1	0.26	1	100	Perf Monitoring	YES
02291	10/11/01	GW07776RG	COBALT	REAL	TR1	2.3	UG/L	U	V1	2.3	1	2190	Perf Monitoring	YES
02291	10/11/01	GW07777RG	COBALT	DUP	TR1	2.3	UG/L	U	V1	2.3	1	2190	Perf Monitoring	YES
02291	10/11/01	GW07776RG	COPPER	REAL	TR1	0.55	UG/L	U	V1	0.55	1	1300	Perf Monitoring	YES
02291	10/11/01	GW07777RG	COPPER	DUP	TR1	0.55	UG/L	U	V1	0.55	1	1300	Perf Monitoring	YES
02291	10/11/01	GW07776RG	IRON	REAL	TR1	16	UG/L	U	V1	16	1		Perf Monitoring	YES
02291	10/11/01	GW07777RG	IRON	DUP	TR1	16	UG/L	U	V1	16	1		Perf Monitoring	YES
02291	10/11/01	GW07776RG	LEAD	REAL	TR1	1	UG/L	U	V1	1	1	15	Perf Monitoring	YES
02291	10/11/01	GW07777RG	LEAD	DUP	TR1	1	UG/L	U	V1	1	1	15	Perf Monitoring	YES
02291	10/11/01	GW07776RG	LITHIUM	REAL	TR1	26	UG/L	B	J1	4.1	1	730	Perf Monitoring	YES
02291	10/11/01	GW07777RG	LITHIUM	DUP	TR1	25.2	UG/L	B	J1	4.1	1	730	Perf Monitoring	YES
02291	10/11/01	GW07776RG	MAGNESIUM	REAL	TR1	22300	UG/L		V1	36	1		Perf Monitoring	YES
02291	10/11/01	GW07777RG	MAGNESIUM	DUP	TR1	21800	UG/L		V1	36	1		Perf Monitoring	YES
02291	10/11/01	GW07776RG	MANGANESE	REAL	TR1	2.5	UG/L	B	UJ1	0.23	1	1720	Perf Monitoring	YES
02291	10/11/01	GW07777RG	MANGANESE	DUP	TR1	6.1	UG/L	B	UJ1	0.23	1	1720	Perf Monitoring	YES
02291	10/11/01	GW07776RG	MERCURY	REAL	TR1	0.023	UG/L	U	V1	0.023	1	2	Perf Monitoring	YES
02291	10/11/01	GW07777RG	MERCURY	DUP	TR1	0.023	UG/L	U	V1	0.023	1	2	Perf Monitoring	YES
02291	10/11/01	GW07776RG	MOLYBDENUM	REAL	TR1	1.4	UG/L	B	UJ1	0.63	1	183	Perf Monitoring	YES
02291	10/11/01	GW07777RG	MOLYBDENUM	DUP	TR1	1.3	UG/L	B	UJ1	0.63	1	183	Perf Monitoring	YES
02291	10/11/01	GW07776RG	NICKEL	REAL	TR1	3.4	UG/L	U	V1	3.4	1	140	Perf Monitoring	YES
02291	10/11/01	GW07777RG	NICKEL	DUP	TR1	3.4	UG/L	U	V1	3.4	1	140	Perf Monitoring	YES
02291	10/11/01	GW07776RG	POTASSIUM	REAL	TR1	700	UG/L	U	J1	700	1		Perf Monitoring	YES
02291	10/11/01	GW07777RG	POTASSIUM	DUP	TR1	700	UG/L	U	J1	700	1		Perf Monitoring	YES
02291	10/11/01	GW07776RG	SELENIUM	REAL	TR1	4	UG/L		V1	2.4	1	50	Perf Monitoring	YES
02291	10/11/01	GW07777RG	SELENIUM	DUP	TR1	2.8	UG/L	B	V1	2.4	1	50	Perf Monitoring	YES
02291	10/11/01	GW07776RG	SILVER	REAL	TR1	0.29	UG/L	B	UJ1	0.23	1	183	Perf Monitoring	YES
02291	10/11/01	GW07777RG	SILVER	DUP	TR1	0.23	UG/L	U	J1	0.23	1	183	Perf Monitoring	YES
02291	10/11/01	GW07776RG	SODIUM	REAL	TR1	21100	UG/L		V1	3500	1		Perf Monitoring	YES
02291	10/11/01	GW07777RG	SODIUM	DUP	TR1	21100	UG/L		V1	3500	1		Perf Monitoring	YES
02291	10/11/01	GW07776RG	STRONTIUM	REAL	TR1	647	UG/L		V1	0.18	1	21900	Perf Monitoring	YES
02291	10/11/01	GW07777RG	STRONTIUM	DUP	TR1	650	UG/L		V1	0.18	1	21900	Perf Monitoring	YES
02291	10/11/01	GW07776RG	THALLIUM	REAL	TR1	4.6	UG/L		UJ1	2.1	1	2	Perf Monitoring	YES
02291	10/11/01	GW07777RG	THALLIUM	DUP	TR1	4.9	UG/L		UJ1	2.1	1	2	Perf Monitoring	YES
02291	10/11/01	GW07776RG	TIN	REAL	TR1	2.2	UG/L	U	V1	2.2	1	21900	Perf Monitoring	YES
02291	10/11/01	GW07777RG	TIN	DUP	TR1	2.2	UG/L	U	V1	2.2	1	21900	Perf Monitoring	YES
02291	10/11/01	GW07776RG	URANIUM, TOTAL	REAL	TR1	68	UG/L	U	V1	68	1		Perf Monitoring	YES
02291	10/11/01	GW07777RG	URANIUM, TOTAL	DUP	TR1	68	UG/L	U	V1	68	1		Perf Monitoring	YES
02291	10/11/01	GW07776RG	VANADIUM	REAL	TR1	2.5	UG/L	U	V1	2.5	1	256	Perf Monitoring	YES
02291	10/11/01	GW07777RG	VANADIUM	DUP	TR1	2.5	UG/L	U	V1	2.5	1	256	Perf Monitoring	YES
02291	10/11/01	GW07776RG	ZINC	REAL	TR1	6.5	UG/L	U	V1	6.5	1	11000	Perf Monitoring	YES
02291	10/11/01	GW07777RG	ZINC	DUP	TR1	6.5	UG/L	U	V1	6.5	1	11000	Perf Monitoring	YES
02291	10/11/01	GW07778RG	ALUMINUM	RNS	TR1	12	UG/L	U	V1	12	1	36500	Perf Monitoring	YES
02291	10/11/01	GW07778RG	ANTIMONY	RNS	TR1	1.5	UG/L	B	V1	1.4	1	6	Perf Monitoring	YES
02291	10/11/01	GW07778RG	ARSENIC	RNS	TR1	1.7	UG/L	U	V1	1.7	1	50	Perf Monitoring	YES
02291	10/11/01	GW07778RG	BARIUM	RNS	TR1	4.1	UG/L	B	UJ1	0.43	1	2000	Perf Monitoring	YES
02291	10/11/01	GW07778RG	BERYLLIUM	RNS	TR1	0.25	UG/L	U	V1	0.25	1	4	Perf Monitoring	YES
02291	10/11/01	GW07778RG	CADMIUM	RNS	TR1	0.18	UG/L	U	V1	0.18	1	5	Perf Monitoring	YES
02291	10/11/01	GW07778RG	CALCIUM	RNS	TR1	45	UG/L	U	V1	45	1		Perf Monitoring	YES

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Location	Sample Date	Sample #	Analyte	QC Type	Result Type	Result	Units	Lab Qual	Validation	Detect Limit	Dilution	Tier II	IMP Well Class	Filtered
02291	10/11/01	GW07778RG	CHROMIUM	RNS	TR1	0.26	UG/L	U	V1	0.26	1	100	Perf Monitoring	YES
02291	10/11/01	GW07778RG	COBALT	RNS	TR1	2.3	UG/L	U	V1	2.3	1	2190	Perf Monitoring	YES
02291	10/11/01	GW07778RG	COPPER	RNS	TR1	0.55	UG/L	U	V1	0.55	1	1300	Perf Monitoring	YES
02291	10/11/01	GW07778RG	IRON	RNS	TR1	16	UG/L	U	V1	16	1		Perf Monitoring	YES
02291	10/11/01	GW07778RG	LEAD	RNS	TR1	1	UG/L	U	V1	1	1	15	Perf Monitoring	YES
02291	10/11/01	GW07778RG	LITHIUM	RNS	TR1	4.1	UG/L	U	J1	4.1	1	730	Perf Monitoring	YES
02291	10/11/01	GW07778RG	MAGNESIUM	RNS	TR1	36	UG/L	U	V1	36	1		Perf Monitoring	YES
02291	10/11/01	GW07778RG	MANGANESE	RNS	TR1	1.8	UG/L	B	UJ1	0.23	1	1720	Perf Monitoring	YES
02291	10/11/01	GW07778RG	MERCURY	RNS	TR1	0.023	UG/L	U	V1	0.023	1	2	Perf Monitoring	YES
02291	10/11/01	GW07778RG	MOLYBDENUM	RNS	TR1	1.1	UG/L	B	UJ1	0.63	1	183	Perf Monitoring	YES
02291	10/11/01	GW07778RG	NICKEL	RNS	TR1	3.4	UG/L	U	V1	3.4	1	140	Perf Monitoring	YES
02291	10/11/01	GW07778RG	POTASSIUM	RNS	TR1	700	UG/L	U	J1	700	1		Perf Monitoring	YES
02291	10/11/01	GW07778RG	SELENIUM	RNS	TR1	2.4	UG/L	U	V1	2.4	1	50	Perf Monitoring	YES
02291	10/11/01	GW07778RG	SILVER	RNS	TR1	0.23	UG/L	U	J1	0.23	1	183	Perf Monitoring	YES
02291	10/11/01	GW07778RG	SODIUM	RNS	TR1	3500	UG/L	U	V1	3500	1		Perf Monitoring	YES
02291	10/11/01	GW07778RG	STRONTIUM	RNS	TR1	2.8	UG/L	B	V1	0.18	1	21900	Perf Monitoring	YES
02291	10/11/01	GW07778RG	THALLIUM	RNS	TR1	4.3	UG/L		UJ1	2.1	1	2	Perf Monitoring	YES
02291	10/11/01	GW07778RG	TIN	RNS	TR1	2.2	UG/L	U	V1	2.2	1	21900	Perf Monitoring	YES
02291	10/11/01	GW07778RG	URANIUM, TOTAL	RNS	TR1	68	UG/L	U	V1	68	1		Perf Monitoring	YES
02291	10/11/01	GW07778RG	VANADIUM	RNS	TR1	2.5	UG/L	U	V1	2.5	1	256	Perf Monitoring	YES
02291	10/11/01	GW07778RG	ZINC	RNS	TR1	6.5	UG/L	U	V1	6.5	1	11000	Perf Monitoring	YES
02500	10/23/01	GW07858RG	ALUMINUM	REAL	TR1	302	UG/L		V1	12	1	36500	D&D Bldg 779	YES
02500	10/23/01	GW07859RG	ALUMINUM	DUP	TR1	192	UG/L		V1	12	1	36500	D&D Bldg 779	YES
02500	10/23/01	GW07858RG	ANTIMONY	REAL	TR1	1.4	UG/L	U	J1	1.4	1	6	D&D Bldg 779	YES
02500	10/23/01	GW07859RG	ANTIMONY	DUP	TR1	1.4	UG/L	U	J1	1.4	1	6	D&D Bldg 779	YES
02500	10/23/01	GW07858RG	ARSENIC	REAL	TR1	1.8	UG/L	B	V1	1.7	1	50	D&D Bldg 779	YES
02500	10/23/01	GW07859RG	ARSENIC	DUP	TR1	2.6	UG/L	B	V1	1.7	1	50	D&D Bldg 779	YES
02500	10/23/01	GW07858RG	BARIUM	REAL	TR1	191	UG/L		V1	0.43	1	2000	D&D Bldg 779	YES
02500	10/23/01	GW07859RG	BARIUM	DUP	TR1	189	UG/L		V1	0.43	1	2000	D&D Bldg 779	YES
02500	10/23/01	GW07858RG	BERYLLIUM	REAL	TR1	0.25	UG/L	U	V1	0.25	1	4	D&D Bldg 779	YES
02500	10/23/01	GW07859RG	BERYLLIUM	DUP	TR1	0.25	UG/L	U	V1	0.25	1	4	D&D Bldg 779	YES
02500	10/23/01	GW07858RG	CADMIUM	REAL	TR1	0.18	UG/L	U	V1	0.18	1	5	D&D Bldg 779	YES
02500	10/23/01	GW07859RG	CADMIUM	DUP	TR1	0.18	UG/L	U	V1	0.18	1	5	D&D Bldg 779	YES
02500	10/23/01	GW07858RG	CALCIUM	REAL	TR1	144000	UG/L		V1	45	1		D&D Bldg 779	YES
02500	10/23/01	GW07859RG	CALCIUM	DUP	TR1	149000	UG/L		V1	45	1		D&D Bldg 779	YES
02500	10/23/01	GW07858RG	CHROMIUM	REAL	TR1	0.25	UG/L	U	J1	0.25	1	100	D&D Bldg 779	YES
02500	10/23/01	GW07859RG	CHROMIUM	DUP	TR1	0.25	UG/L	U	J1	0.25	1	100	D&D Bldg 779	YES
02500	10/23/01	GW07858RG	COBALT	REAL	TR1	2.3	UG/L	U	V1	2.3	1	2190	D&D Bldg 779	YES
02500	10/23/01	GW07859RG	COBALT	DUP	TR1	2.3	UG/L	U	V1	2.3	1	2190	D&D Bldg 779	YES
02500	10/23/01	GW07858RG	COPPER	REAL	TR1	3.1	UG/L		UJ1	0.55	1	1300	D&D Bldg 779	YES
02500	10/23/01	GW07859RG	COPPER	DUP	TR1	2.9	UG/L	B	UJ1	0.55	1	1300	D&D Bldg 779	YES
02500	10/23/01	GW07858RG	IRON	REAL	TR1	283	UG/L		V1	16	1		D&D Bldg 779	YES
02500	10/23/01	GW07859RG	IRON	DUP	TR1	53.6	UG/L	B	UJ1	16	1		D&D Bldg 779	YES
02500	10/23/01	GW07858RG	LEAD	REAL	TR1	1	UG/L	U	J1	1	1	15	D&D Bldg 779	YES
02500	10/23/01	GW07859RG	LEAD	DUP	TR1	1	UG/L	U	J1	1	1	15	D&D Bldg 779	YES
02500	10/23/01	GW07858RG	LITHIUM	REAL	TR1	4.1	UG/L	U	V1	4.1	1	730	D&D Bldg 779	YES
02500	10/23/01	GW07859RG	LITHIUM	DUP	TR1	4.1	UG/L	U	V1	4.1	1	730	D&D Bldg 779	YES
02500	10/23/01	GW07858RG	MAGNESIUM	REAL	TR1	24000	UG/L		V1	36	1		D&D Bldg 779	YES
02500	10/23/01	GW07859RG	MAGNESIUM	DUP	TR1	24600	UG/L		V1	36	1		D&D Bldg 779	YES
02500	10/23/01	GW07858RG	MANGANESE	REAL	TR1	91.6	UG/L		V1	0.23	1	1720	D&D Bldg 779	YES
02500	10/23/01	GW07859RG	MANGANESE	DUP	TR1	99	UG/L		V1	0.23	1	1720	D&D Bldg 779	YES
02500	10/23/01	GW07858RG	MERCURY	REAL	TR1	0.023	UG/L	U	V1	0.023	1	2	D&D Bldg 779	YES
02500	10/23/01	GW07859RG	MERCURY	DUP	TR1	0.023	UG/L	U	V1	0.023	1	2	D&D Bldg 779	YES
02500	10/23/01	GW07858RG	MOLYBDENUM	REAL	TR1	3.1	UG/L	B	UJ1	0.63	1	183	D&D Bldg 779	YES
02500	10/23/01	GW07859RG	MOLYBDENUM	DUP	TR1	1.7	UG/L	B	UJ1	0.63	1	183	D&D Bldg 779	YES
02500	10/23/01	GW07858RG	NICKEL	REAL	TR1	4.2	UG/L	B	V1	3.4	1	140	D&D Bldg 779	YES
02500	10/23/01	GW07859RG	NICKEL	DUP	TR1	3.9	UG/L	B	V1	3.4	1	140	D&D Bldg 779	YES

Location	Sample Date	Sample #	Analyte	QC Type	Result Type	Result	Units	Lab Qual	Validation	Detect Limit	Dilution	Tier II	IMP Well Class	Filtered
02500	10/23/01	GW07858RG	POTASSIUM	REAL	TR1	4290	UG/L	B	J1	700	1		D&D Bldg 779	YES
02500	10/23/01	GW07859RG	POTASSIUM	DUP	TR1	4090	UG/L	B	J1	700	1		D&D Bldg 779	YES
02500	10/23/01	GW07858RG	SELENIUM	REAL	TR1	2.4	UG/L	U	J1	2.4	1	50	D&D Bldg 779	YES
02500	10/23/01	GW07859RG	SELENIUM	DUP	TR1	2.4	UG/L	U	J1	2.4	1	50	D&D Bldg 779	YES
02500	10/23/01	GW07858RG	SILVER	REAL	TR1	0.23	UG/L	U	J1	0.23	1	183	D&D Bldg 779	YES
02500	10/23/01	GW07859RG	SILVER	DUP	TR1	0.23	UG/L	U	J1	0.23	1	183	D&D Bldg 779	YES
02500	10/23/01	GW07858RG	SODIUM	REAL	TR1	137000	UG/L		V1	3500	1		D&D Bldg 779	YES
02500	10/23/01	GW07859RG	SODIUM	DUP	TR1	137000	UG/L		V1	3500	1		D&D Bldg 779	YES
02500	10/23/01	GW07858RG	STRONTIUM	REAL	TR1	703	UG/L		V1	0.18	1	21900	D&D Bldg 779	YES
02500	10/23/01	GW07859RG	STRONTIUM	DUP	TR1	702	UG/L		V1	0.18	1	21900	D&D Bldg 779	YES
02500	10/23/01	GW07858RG	THALLIUM	REAL	TR1	7.4	UG/L		UJ1	2.1	1	2	D&D Bldg 779	YES
02500	10/23/01	GW07859RG	THALLIUM	DUP	TR1	5	UG/L		UJ1	2.1	1	2	D&D Bldg 779	YES
02500	10/23/01	GW07858RG	TIN	REAL	TR1	3	UG/L	B	UJ1	2.2	1	21900	D&D Bldg 779	YES
02500	10/23/01	GW07859RG	TIN	DUP	TR1	2.2	UG/L	U	V1	2.2	1	21900	D&D Bldg 779	YES
02500	10/23/01	GW07858RG	URANIUM, TOTAL	REAL	TR1	68	UG/L	U	V1	68	1		D&D Bldg 779	YES
02500	10/23/01	GW07859RG	URANIUM, TOTAL	DUP	TR1	68	UG/L	U	V1	68	1		D&D Bldg 779	YES
02500	10/23/01	GW07858RG	VANADIUM	REAL	TR1	2.5	UG/L	U	V1	2.5	1	256	D&D Bldg 779	YES
02500	10/23/01	GW07859RG	VANADIUM	DUP	TR1	2.5	UG/L	U	V1	2.5	1	256	D&D Bldg 779	YES
02500	10/23/01	GW07858RG	ZINC	REAL	TR1	6.5	UG/L	U	V1	6.5	1	11000	D&D Bldg 779	YES
02500	10/23/01	GW07859RG	ZINC	DUP	TR1	6.5	UG/L	U	V1	6.5	1	11000	D&D Bldg 779	YES
02500	10/23/01	GW07860RG	ALUMINUM	RNS	TR1	12	UG/L	U	V1	12	1	36500	D&D Bldg 779	YES
02500	10/23/01	GW07860RG	ANTIMONY	RNS	TR1	1.4	UG/L	U	J1	1.4	1	6	D&D Bldg 779	YES
02500	10/23/01	GW07860RG	ARSENIC	RNS	TR1	1.7	UG/L	U	V1	1.7	1	50	D&D Bldg 779	YES
02500	10/23/01	GW07860RG	BARIUM	RNS	TR1	2.7	UG/L	B	V1	0.43	1	2000	D&D Bldg 779	YES
02500	10/23/01	GW07860RG	BERYLLIUM	RNS	TR1	0.56	UG/L	B	UJ1	0.25	1	4	D&D Bldg 779	YES
02500	10/23/01	GW07860RG	CADMIUM	RNS	TR1	0.18	UG/L	U	V1	0.18	1	5	D&D Bldg 779	YES
02500	10/23/01	GW07860RG	CALCIUM	RNS	TR1	60.3	UG/L	B	J1	45	1		D&D Bldg 779	YES
02500	10/23/01	GW07860RG	CHROMIUM	RNS	TR1	0.25	UG/L	U	J1	0.25	1	100	D&D Bldg 779	YES
02500	10/23/01	GW07860RG	COBALT	RNS	TR1	2.3	UG/L	U	V1	2.3	1	2190	D&D Bldg 779	YES
02500	10/23/01	GW07860RG	COPPER	RNS	TR1	2.1	UG/L	B	UJ1	0.55	1	1300	D&D Bldg 779	YES
02500	10/23/01	GW07860RG	IRON	RNS	TR1	16	UG/L	U	V1	16	1		D&D Bldg 779	YES
02500	10/23/01	GW07860RG	LEAD	RNS	TR1	1	UG/L	U	J1	1	1	15	D&D Bldg 779	YES
02500	10/23/01	GW07860RG	LITHIUM	RNS	TR1	4.1	UG/L	U	V1	4.1	1	730	D&D Bldg 779	YES
02500	10/23/01	GW07860RG	MAGNESIUM	RNS	TR1	36	UG/L	U	V1	36	1		D&D Bldg 779	YES
02500	10/23/01	GW07860RG	MANGANESE	RNS	TR1	3.4	UG/L	B	UJ1	0.23	1	1720	D&D Bldg 779	YES
02500	10/23/01	GW07860RG	MERCURY	RNS	TR1	0.023	UG/L	U	V1	0.023	1	2	D&D Bldg 779	YES
02500	10/23/01	GW07860RG	MOLYBDENUM	RNS	TR1	0.63	UG/L	U	V1	0.63	1	183	D&D Bldg 779	YES
02500	10/23/01	GW07860RG	NICKEL	RNS	TR1	3.4	UG/L	U	V1	3.4	1	140	D&D Bldg 779	YES
02500	10/23/01	GW07860RG	POTASSIUM	RNS	TR1	700	UG/L	U	J1	700	1		D&D Bldg 779	YES
02500	10/23/01	GW07860RG	SELENIUM	RNS	TR1	2.4	UG/L	U	J1	2.4	1	50	D&D Bldg 779	YES
02500	10/23/01	GW07860RG	SILVER	RNS	TR1	0.23	UG/L	U	J1	0.23	1	183	D&D Bldg 779	YES
02500	10/23/01	GW07860RG	SODIUM	RNS	TR1	3500	UG/L	U	V1	3500	1		D&D Bldg 779	YES
02500	10/23/01	GW07860RG	STRONTIUM	RNS	TR1	1.9	UG/L	B	V1	0.18	1	21900	D&D Bldg 779	YES
02500	10/23/01	GW07860RG	THALLIUM	RNS	TR1	5	UG/L		UJ1	2.1	1	2	D&D Bldg 779	YES
02500	10/23/01	GW07860RG	TIN	RNS	TR1	3	UG/L	B	UJ1	2.2	1	21900	D&D Bldg 779	YES
02500	10/23/01	GW07860RG	URANIUM, TOTAL	RNS	TR1	68	UG/L	U	V1	68	1		D&D Bldg 779	YES
02500	10/23/01	GW07860RG	VANADIUM	RNS	TR1	2.5	UG/L	U	V1	2.5	1	256	D&D Bldg 779	YES
02500	10/23/01	GW07860RG	ZINC	RNS	TR1	6.5	UG/L	U	V1	6.5	1	11000	D&D Bldg 779	YES
11891	10/5/01	GW07784RG	ALUMINUM	REAL	TR1	12	UG/L	U	V1	12	1	36500	Perf Monitoring	YES
11891	10/5/01	GW07784RG	ANTIMONY	REAL	TR1	1.4	UG/L	U	J1	1.4	1	6	Perf Monitoring	YES
11891	10/5/01	GW07784RG	ARSENIC	REAL	TR1	1.7	UG/L	U	J1	1.7	1	50	Perf Monitoring	YES
11891	10/5/01	GW07784RG	BARIUM	REAL	TR1	248	UG/L		V1	0.43	1	2000	Perf Monitoring	YES
11891	10/5/01	GW07784RG	BERYLLIUM	REAL	TR1	0.25	UG/L	U	V1	0.25	1	4	Perf Monitoring	YES
11891	10/5/01	GW07784RG	CADMIUM	REAL	TR1	0.18	UG/L	U	V1	0.18	1	5	Perf Monitoring	YES
11891	10/5/01	GW07784RG	CALCIUM	REAL	TR1	132000	UG/L		V1	45	1		Perf Monitoring	YES
11891	10/5/01	GW07784RG	CHROMIUM	REAL	TR1	0.26	UG/L	U	V1	0.26	1	100	Perf Monitoring	YES
11891	10/5/01	GW07784RG	COBALT	REAL	TR1	2.3	UG/L	U	V1	2.3	1	2190	Perf Monitoring	YES



Location	Sample Date	Sample #	Analyte	QC Type	Result Type	Result	Units	Lab Qual	Validation	Detect Limit	Dilution	Tier II	IMP Well Class	Filtered
11891	10/5/01	GW07784RG	COPPER	REAL	TR1	2.3	UG/L	B	UJ1	0.55	1	1300	Perf Monitoring	YES
11891	10/5/01	GW07784RG	IRON	REAL	TR1	16	UG/L	U	V1	16	1		Perf Monitoring	YES
11891	10/5/01	GW07784RG	LEAD	REAL	TR1	1	UG/L	U	V1	1	1	15	Perf Monitoring	YES
11891	10/5/01	GW07784RG	LITHIUM	REAL	TR1	4.9	UG/L	B	J1	4.1	1	730	Perf Monitoring	YES
11891	10/5/01	GW07784RG	MAGNESIUM	REAL	TR1	12300	UG/L		V1	36	1		Perf Monitoring	YES
11891	10/5/01	GW07784RG	MANGANESE	REAL	TR1	0.74	UG/L	B	UJ1	0.23	1	1720	Perf Monitoring	YES
11891	10/5/01	GW07784RG	MERCURY	REAL	TR1	0.023	UG/L	U	V1	0.023	1	2	Perf Monitoring	YES
11891	10/5/01	GW07784RG	MOLYBDENUM	REAL	TR1	1	UG/L	B	V1	0.63	1	183	Perf Monitoring	YES
11891	10/5/01	GW07784RG	NICKEL	REAL	TR1	3.4	UG/L	U	V1	3.4	1	140	Perf Monitoring	YES
11891	10/5/01	GW07784RG	POTASSIUM	REAL	TR1	881	UG/L	B	J1	700	1		Perf Monitoring	YES
11891	10/5/01	GW07784RG	SELENIUM	REAL	TR1	2.4	UG/L	U	V1	2.4	1	50	Perf Monitoring	YES
11891	10/5/01	GW07784RG	SILVER	REAL	TR1	0.26	UG/L	B	UJ1	0.23	1	183	Perf Monitoring	YES
11891	10/5/01	GW07784RG	SODIUM	REAL	TR1	16600	UG/L		V1	3500	1		Perf Monitoring	YES
11891	10/5/01	GW07784RG	STRONTIUM	REAL	TR1	457	UG/L		V1	0.18	1	21900	Perf Monitoring	YES
11891	10/5/01	GW07784RG	THALLIUM	REAL	TR1	4.1	UG/L		UJ1	2.1	1	2	Perf Monitoring	YES
11891	10/5/01	GW07784RG	TIN	REAL	TR1	2.2	UG/L	U	V1	2.2	1	21900	Perf Monitoring	YES
11891	10/5/01	GW07784RG	URANIUM, TOTAL	REAL	TR1	68	UG/L	U	V1	68	1		Perf Monitoring	YES
11891	10/5/01	GW07784RG	VANADIUM	REAL	TR1	2.5	UG/L	U	V1	2.5	1	256	Perf Monitoring	YES
11891	10/5/01	GW07784RG	ZINC	REAL	TR1	6.5	UG/L	U	V1	6.5	1	11000	Perf Monitoring	YES
11891	10/5/01	GW07785RG	ALUMINUM	RNS	TR1	13.5	UG/L	B	V1	12	1	36500	Perf Monitoring	YES
11891	10/5/01	GW07785RG	ANTIMONY	RNS	TR1	1.4	UG/L	U	J1	1.4	1	6	Perf Monitoring	YES
11891	10/5/01	GW07785RG	ARSENIC	RNS	TR1	1.7	UG/L	U	J1	1.7	1	50	Perf Monitoring	YES
11891	10/5/01	GW07785RG	BARIUM	RNS	TR1	3.8	UG/L	B	V1	0.43	1	2000	Perf Monitoring	YES
11891	10/5/01	GW07785RG	BERYLLIUM	RNS	TR1	0.25	UG/L	U	V1	0.25	1	4	Perf Monitoring	YES
11891	10/5/01	GW07785RG	CADMIUM	RNS	TR1	0.18	UG/L	U	V1	0.18	1	5	Perf Monitoring	YES
11891	10/5/01	GW07785RG	CALCIUM	RNS	TR1	70.7	UG/L	B	V1	45	1		Perf Monitoring	YES
11891	10/5/01	GW07785RG	CHROMIUM	RNS	TR1	0.26	UG/L	U	V1	0.26	1	100	Perf Monitoring	YES
11891	10/5/01	GW07785RG	COBALT	RNS	TR1	2.3	UG/L	U	V1	2.3	1	2190	Perf Monitoring	YES
11891	10/5/01	GW07785RG	COPPER	RNS	TR1	2.7	UG/L	B	UJ1	0.55	1	1300	Perf Monitoring	YES
11891	10/5/01	GW07785RG	IRON	RNS	TR1	16	UG/L	U	V1	16	1		Perf Monitoring	YES
11891	10/5/01	GW07785RG	LEAD	RNS	TR1	1	UG/L	U	V1	1	1	15	Perf Monitoring	YES
11891	10/5/01	GW07785RG	LITHIUM	RNS	TR1	4.1	UG/L	U	J1	4.1	1	730	Perf Monitoring	YES
11891	10/5/01	GW07785RG	MAGNESIUM	RNS	TR1	36	UG/L	U	V1	36	1		Perf Monitoring	YES
11891	10/5/01	GW07785RG	MANGANESE	RNS	TR1	2.9	UG/L	B	UJ1	0.23	1	1720	Perf Monitoring	YES
11891	10/5/01	GW07785RG	MERCURY	RNS	TR1	0.023	UG/L	U	V1	0.023	1	2	Perf Monitoring	YES
11891	10/5/01	GW07785RG	MOLYBDENUM	RNS	TR1	0.63	UG/L	U	V1	0.63	1	183	Perf Monitoring	YES
11891	10/5/01	GW07785RG	NICKEL	RNS	TR1	3.4	UG/L	U	V1	3.4	1	140	Perf Monitoring	YES
11891	10/5/01	GW07785RG	POTASSIUM	RNS	TR1	700	UG/L	U	J1	700	1		Perf Monitoring	YES
11891	10/5/01	GW07785RG	SELENIUM	RNS	TR1	2.4	UG/L	U	V1	2.4	1	50	Perf Monitoring	YES
11891	10/5/01	GW07785RG	SILVER	RNS	TR1	0.25	UG/L	B	UJ1	0.23	1	183	Perf Monitoring	YES
11891	10/5/01	GW07785RG	SODIUM	RNS	TR1	3500	UG/L	U	V1	3500	1		Perf Monitoring	YES
11891	10/5/01	GW07785RG	STRONTIUM	RNS	TR1	2.5	UG/L	B	UJ1	0.18	1	21900	Perf Monitoring	YES
11891	10/5/01	GW07785RG	THALLIUM	RNS	TR1	5.4	UG/L		UJ1	2.1	1	2	Perf Monitoring	YES
11891	10/5/01	GW07785RG	TIN	RNS	TR1	2.3	UG/L	B	J1	2.2	1	21900	Perf Monitoring	YES
11891	10/5/01	GW07785RG	URANIUM, TOTAL	RNS	TR1	68	UG/L	U	V1	68	1		Perf Monitoring	YES
11891	10/5/01	GW07785RG	VANADIUM	RNS	TR1	2.5	UG/L	U	V1	2.5	1	256	Perf Monitoring	YES
11891	10/5/01	GW07785RG	ZINC	RNS	TR1	6.5	UG/L	U	V1	6.5	1	11000	Perf Monitoring	YES
12191	10/18/01	GW07786RG	ALUMINUM	REAL	TR1	14.4	UG/L	B	V1	12	1	36500	Perf Monitoring	YES
12191	10/18/01	GW07786RG	ANTIMONY	REAL	TR1	1.4	UG/L	U	V1	1.4	1	6	Perf Monitoring	YES
12191	10/18/01	GW07786RG	ARSENIC	REAL	TR1	1.7	UG/L	U	V1	1.7	1	50	Perf Monitoring	YES
12191	10/18/01	GW07786RG	BARIUM	REAL	TR1	225	UG/L		V1	0.43	1	2000	Perf Monitoring	YES
12191	10/18/01	GW07786RG	BERYLLIUM	REAL	TR1	0.25	UG/L	U	V1	0.25	1	4	Perf Monitoring	YES
12191	10/18/01	GW07786RG	CADMIUM	REAL	TR1	0.18	UG/L	U	V1	0.18	1	5	Perf Monitoring	YES
12191	10/18/01	GW07786RG	CALCIUM	REAL	TR1	159000	UG/L		V1	45	1		Perf Monitoring	YES
12191	10/18/01	GW07786RG	CHROMIUM	REAL	TR1	0.26	UG/L	U	V1	0.26	1	100	Perf Monitoring	YES
12191	10/18/01	GW07786RG	COBALT	REAL	TR1	2.3	UG/L	U	V1	2.3	1	2190	Perf Monitoring	YES
12191	10/18/01	GW07786RG	COPPER	REAL	TR1	1.1	UG/L	B	UJ1	0.55	1	1300	Perf Monitoring	YES

## Appendix A: Groundwater Analytical Data - Metals

Fourth Quarter 2001

Location	Sample Date	Sample #	Analyte	QC Type	Result Type	Result	Units	Lab Qual	Valid-ation	Detect Limit	Dilu-tion	Tier II	IMP Well Class	Filtered
12191	10/18/01	GW07786RG	IRON	REAL	TR1	74.6	UG/L	B	UJ1	16	1		Perf Monitoring	YES
12191	10/18/01	GW07786RG	LEAD	REAL	TR1	1	UG/L	U	V1	1	1	15	Perf Monitoring	YES
12191	10/18/01	GW07786RG	LITHIUM	REAL	TR1	4.6	UG/L	B	J1	4.1	1	730	Perf Monitoring	YES
12191	10/18/01	GW07786RG	MAGNESIUM	REAL	TR1	12800	UG/L		V1	36	1		Perf Monitoring	YES
12191	10/18/01	GW07786RG	MANGANESE	REAL	TR1	0.3	UG/L	B	UJ1	0.23	1	1720	Perf Monitoring	YES
12191	10/18/01	GW07786RG	MERCURY	REAL	TR1	0.023	UG/L	U	V1	0.023	1	2	Perf Monitoring	YES
12191	10/18/01	GW07786RG	MOLYBDENUM	REAL	TR1	0.63	UG/L	U	V1	0.63	1	183	Perf Monitoring	YES
12191	10/18/01	GW07786RG	NICKEL	REAL	TR1	3.4	UG/L	U	V1	3.4	1	140	Perf Monitoring	YES
12191	10/18/01	GW07786RG	POTASSIUM	REAL	TR1	796	UG/L	B	J1	700	1		Perf Monitoring	YES
12191	10/18/01	GW07786RG	SELENIUM	REAL	TR1	2.4	UG/L	U	V1	2.4	1	50	Perf Monitoring	YES
12191	10/18/01	GW07786RG	SILVER	REAL	TR1	0.23	UG/L	U	J1	0.23	1	183	Perf Monitoring	YES
12191	10/18/01	GW07786RG	SODIUM	REAL	TR1	16600	UG/L		V1	3500	1		Perf Monitoring	YES
12191	10/18/01	GW07786RG	STRONTIUM	REAL	TR1	502	UG/L		V1	0.18	1	21900	Perf Monitoring	YES
12191	10/18/01	GW07786RG	THALLIUM	REAL	TR1	3.3	UG/L	B	UJ1	2.1	1	2	Perf Monitoring	YES
12191	10/18/01	GW07786RG	TIN	REAL	TR1	2.2	UG/L	U	V1	2.2	1	21900	Perf Monitoring	YES
12191	10/18/01	GW07786RG	URANIUM, TOTAL	REAL	TR1	68	UG/L	U	V1	68	1		Perf Monitoring	YES
12191	10/18/01	GW07786RG	VANADIUM	REAL	TR1	2.5	UG/L	U	V1	2.5	1	256	Perf Monitoring	YES
12191	10/18/01	GW07786RG	ZINC	REAL	TR1	6.5	UG/L	U	V1	6.5	1	11000	Perf Monitoring	YES
1386	11/1/01	GW07812RG	ALUMINUM	REAL	TR1	12.3	UG/L	B	J	12	1	36500	Plume Extent	YES
1386	11/1/01	GW07812RG	ANTIMONY	REAL	TR1	1.4	UG/L	U	J	1.4	1	6	Plume Extent	YES
1386	11/1/01	GW07812RG	ARSENIC	REAL	TR1	1.7	UG/L	U	J	1.7	1	50	Plume Extent	YES
1386	11/1/01	GW07812RG	BARIUM	REAL	TR1	171	UG/L		V	0.43	1	2000	Plume Extent	YES
1386	11/1/01	GW07812RG	BERYLLIUM	REAL	TR1	0.25	UG/L	U	V	0.25	1	4	Plume Extent	YES
1386	11/1/01	GW07812RG	CADMIUM	REAL	TR1	0.18	UG/L	U	V	0.18	1	5	Plume Extent	YES
1386	11/1/01	GW07812RG	CALCIUM	REAL	TR1	187000	UG/L		V	45	1		Plume Extent	YES
1386	11/1/01	GW07812RG	CHROMIUM	REAL	TR1	5	UG/L		J	0.26	1	100	Plume Extent	YES
1386	11/1/01	GW07812RG	COBALT	REAL	TR1	2.3	UG/L	U	V	2.3	1	2190	Plume Extent	YES
1386	11/1/01	GW07812RG	COPPER	REAL	TR1	1.2	UG/L	B	V	0.55	1	1300	Plume Extent	YES
1386	11/1/01	GW07812RG	IRON	REAL	TR1	44.9	UG/L	B	V	16	1		Plume Extent	YES
1386	11/1/01	GW07812RG	LEAD	REAL	TR1	1	UG/L	U	V	1	1	15	Plume Extent	YES
1386	11/1/01	GW07812RG	LITHIUM	REAL	TR1	34	UG/L	B	V	4.1	1	730	Plume Extent	YES
1386	11/1/01	GW07812RG	MAGNESIUM	REAL	TR1	70300	UG/L		V	36	1		Plume Extent	YES
1386	11/1/01	GW07812RG	MANGANESE	REAL	TR1	80.1	UG/L		V	0.23	1	1720	Plume Extent	YES
1386	11/1/01	GW07812RG	MERCURY	REAL	TR1	0.032	UG/L	B	V	0.023	1	2	Plume Extent	YES
1386	11/1/01	GW07812RG	MOLYBDENUM	REAL	TR1	11.5	UG/L	B	V	0.63	1	183	Plume Extent	YES
1386	11/1/01	GW07812RG	NICKEL	REAL	TR1	382	UG/L		V	3.4	1	140	Plume Extent	YES
1386	11/1/01	GW07812RG	POTASSIUM	REAL	TR1	2740	UG/L	B	J	700	1		Plume Extent	YES
1386	11/1/01	GW07812RG	SELENIUM	REAL	TR1	2.4	UG/L	U	J	2.4	1	50	Plume Extent	YES
1386	11/1/01	GW07812RG	SILVER	REAL	TR1	0.23	UG/L	U	V	0.23	1	183	Plume Extent	YES
1386	11/1/01	GW07812RG	SODIUM	REAL	TR1	135000	UG/L		V	3500	1		Plume Extent	YES
1386	11/1/01	GW07812RG	STRONTIUM	REAL	TR1	1480	UG/L		V	0.18	1	21900	Plume Extent	YES
1386	11/1/01	GW07812RG	THALLIUM	REAL	TR1	2.8	UG/L	B	J	2.1	1	2	Plume Extent	YES
1386	11/1/01	GW07812RG	TIN	REAL	TR1	2.2	UG/L	U	V	2.2	1	21900	Plume Extent	YES
1386	11/1/01	GW07812RG	URANIUM, TOTAL	REAL	TR1	68	UG/L	U	V	68	1		Plume Extent	YES
1386	11/1/01	GW07812RG	VANADIUM	REAL	TR1	2.5	UG/L	U	V	2.5	1	256	Plume Extent	YES
1386	11/1/01	GW07812RG	ZINC	REAL	TR1	6.5	UG/L	U	V	6.5	1	11000	Plume Extent	YES
1786	10/16/01	GW07813RG	ALUMINUM	REAL	TR1	336	UG/L		V1	12	1	36500	Plume Extent	NO
1786	10/16/01	GW07813RG	ANTIMONY	REAL	TR1	1.4	UG/L	U	V1	1.4	1	6	Plume Extent	NO
1786	10/16/01	GW07813RG	ARSENIC	REAL	TR1	1.7	UG/L	U	V1	1.7	1	50	Plume Extent	NO
1786	10/16/01	GW07813RG	BARIUM	REAL	TR1	186	UG/L		V1	0.43	1	2000	Plume Extent	NO
1786	10/16/01	GW07813RG	BERYLLIUM	REAL	TR1	0.25	UG/L	U	V1	0.25	1	4	Plume Extent	NO
1786	10/16/01	GW07813RG	CADMIUM	REAL	TR1	0.18	UG/L	U	V1	0.18	1	5	Plume Extent	NO
1786	10/16/01	GW07813RG	CALCIUM	REAL	TR1	501000	UG/L		V1	45	1		Plume Extent	NO
1786	10/16/01	GW07813RG	CHROMIUM	REAL	TR1	0.44	UG/L	B	UJ1	0.26	1	100	Plume Extent	NO
1786	10/16/01	GW07813RG	COBALT	REAL	TR1	3.3	UG/L	B	V1	2.3	1	2190	Plume Extent	NO
1786	10/16/01	GW07813RG	COPPER	REAL	TR1	2.9	UG/L	B	UJ1	0.55	1	1300	Plume Extent	NO
1786	10/16/01	GW07813RG	IRON	REAL	TR1	65.9	UG/L	B	UJ1	16	1		Plume Extent	NO

Location	Sample Date	Sample #	Analyte	QC Type	Result Type	Result	Units	Lab Qual	Validation	Detect Limit	Dilution	Tier II	IMP Well Class	Filtered
1786	10/16/01	GW07813RG	LEAD	REAL	TR1	1	UG/L	U	V1	1	1	15	Plume Extent	NO
1786	10/16/01	GW07813RG	LITHIUM	REAL	TR1	309	UG/L		V1	4.1	1	730	Plume Extent	NO
1786	10/16/01	GW07813RG	MAGNESIUM	REAL	TR1	185000	UG/L		V1	36	1		Plume Extent	NO
1786	10/16/01	GW07813RG	MANGANESE	REAL	TR1	2.6	UG/L	B	UJ1	0.23	1	1720	Plume Extent	NO
1786	10/16/01	GW07813RG	MERCURY	REAL	TR1	0.023	UG/L	U	V1	0.023	1	2	Plume Extent	NO
1786	10/16/01	GW07813RG	MOLYBDENUM	REAL	TR1	2	UG/L	B	UJ1	0.63	1	183	Plume Extent	NO
1786	10/16/01	GW07813RG	NICKEL	REAL	TR1	4.4	UG/L	B	V1	3.4	1	140	Plume Extent	NO
1786	10/16/01	GW07813RG	POTASSIUM	REAL	TR1	5270	UG/L		V1	700	1		Plume Extent	NO
1786	10/16/01	GW07813RG	SELENIUM	REAL	TR1	465	UG/L		V1	2.4	1	50	Plume Extent	NO
1786	10/16/01	GW07813RG	SILVER	REAL	TR1	0.23	UG/L	U	J1	0.23	1	183	Plume Extent	NO
1786	10/16/01	GW07813RG	SODIUM	REAL	TR1	311000	UG/L		V1	3500	1		Plume Extent	NO
1786	10/16/01	GW07813RG	STRONTIUM	REAL	TR1	5350	UG/L		V1	0.18	1	21900	Plume Extent	NO
1786	10/16/01	GW07813RG	THALLIUM	REAL	TR1	5.3	UG/L		UJ1	2.1	1	2	Plume Extent	NO
1786	10/16/01	GW07813RG	TIN	REAL	TR1	2.2	UG/L	U	V1	2.2	1	21900	Plume Extent	NO
1786	10/16/01	GW07813RG	URANIUM, TOTAL	REAL	TR1	68	UG/L	U	V1	68	1		Plume Extent	NO
1786	10/16/01	GW07813RG	VANADIUM	REAL	TR1	2.5	UG/L	U	V1	2.5	1	256	Plume Extent	NO
1786	10/16/01	GW07813RG	ZINC	REAL	TR1	6.5	UG/L	U	V1	6.5	1	11000	Plume Extent	NO
18199	10/29/01	GW07830RG	ALUMINUM	REAL	TR1	150	UG/L		V1	12	1	36500	Plume Degradation	NO
18199	10/29/01	GW07830RG	ANTIMONY	REAL	TR1	1.4	UG/L	U	J1	1.4	1	6	Plume Degradation	NO
18199	10/29/01	GW07830RG	ARSENIC	REAL	TR1	2	UG/L	B	J1	1.7	1	50	Plume Degradation	NO
18199	10/29/01	GW07830RG	BARIUM	REAL	TR1	121	UG/L		J1	0.43	1	2000	Plume Degradation	NO
18199	10/29/01	GW07830RG	BERYLLIUM	REAL	TR1	0.25	UG/L	U	V1	0.25	1	4	Plume Degradation	NO
18199	10/29/01	GW07830RG	CADMIUM	REAL	TR1	0.18	UG/L	U	V1	0.18	1	5	Plume Degradation	NO
18199	10/29/01	GW07830RG	CALCIUM	REAL	TR1	80900	UG/L		V1	45	1		Plume Degradation	NO
18199	10/29/01	GW07830RG	CHROMIUM	REAL	TR1	0.26	UG/L	U	V1	0.26	1	100	Plume Degradation	NO
18199	10/29/01	GW07830RG	COBALT	REAL	TR1	2.3	UG/L	U	V1	2.3	1	2190	Plume Degradation	NO
18199	10/29/01	GW07830RG	COPPER	REAL	TR1	0.55	UG/L	U	V1	0.55	1	1300	Plume Degradation	NO
18199	10/29/01	GW07830RG	IRON	REAL	TR1	113	UG/L		V1	16	1		Plume Degradation	NO
18199	10/29/01	GW07830RG	LEAD	REAL	TR1	1	UG/L	U	V1	1	1	15	Plume Degradation	NO
18199	10/29/01	GW07830RG	LITHIUM	REAL	TR1	4.2	UG/L	B	V1	4.1	1	730	Plume Degradation	NO
18199	10/29/01	GW07830RG	MAGNESIUM	REAL	TR1	12400	UG/L		V1	36	1		Plume Degradation	NO
18199	10/29/01	GW07830RG	MANGANESE	REAL	TR1	310	UG/L		V1	0.23	1	1720	Plume Degradation	NO
18199	10/29/01	GW07830RG	MERCURY	REAL	TR1	0.023	UG/L	U	V1	0.023	1	2	Plume Degradation	NO
18199	10/29/01	GW07830RG	MOLYBDENUM	REAL	TR1	0.78	UG/L	B	V1	0.63	1	183	Plume Degradation	NO
18199	10/29/01	GW07830RG	NICKEL	REAL	TR1	3.4	UG/L	U	V1	3.4	1	140	Plume Degradation	NO
18199	10/29/01	GW07830RG	POTASSIUM	REAL	TR1	1950	UG/L	B	J1	700	1		Plume Degradation	NO
18199	10/29/01	GW07830RG	SELENIUM	REAL	TR1	2.4	UG/L	U	J1	2.4	1	50	Plume Degradation	NO
18199	10/29/01	GW07830RG	SILVER	REAL	TR1	0.23	UG/L	U	V1	0.23	1	183	Plume Degradation	NO
18199	10/29/01	GW07830RG	SODIUM	REAL	TR1	29000	UG/L		V1	3500	1		Plume Degradation	NO
18199	10/29/01	GW07830RG	STRONTIUM	REAL	TR1	321	UG/L		V1	0.18	1	21900	Plume Degradation	NO
18199	10/29/01	GW07830RG	THALLIUM	REAL	TR1	2.3	UG/L	B	UJ1	2.1	1	2	Plume Degradation	NO
18199	10/29/01	GW07830RG	TIN	REAL	TR1	2.2	UG/L	U	J1	2.2	1	21900	Plume Degradation	NO
18199	10/29/01	GW07830RG	URANIUM, TOTAL	REAL	TR1	68	UG/L	U	V1	68	1		Plume Degradation	NO
18199	10/29/01	GW07830RG	VANADIUM	REAL	TR1	2.5	UG/L	U	V1	2.5	1	256	Plume Degradation	NO
18199	10/29/01	GW07830RG	ZINC	REAL	TR1	6.5	UG/L	U	V1	6.5	1	11000	Plume Degradation	NO
1986	10/8/01	GW07779RG	ALUMINUM	REAL	TR1	12	UG/L	U	V1	12	1	36500	Plume Extent	YES
1986	10/8/01	GW07779RG	ANTIMONY	REAL	TR1	1.4	UG/L	U	J1	1.4	1	6	Plume Extent	YES
1986	10/8/01	GW07779RG	ARSENIC	REAL	TR1	7.2	UG/L		J1	1.7	1	50	Plume Extent	YES
1986	10/8/01	GW07779RG	BARIUM	REAL	TR1	273	UG/L		V1	0.43	1	2000	Plume Extent	YES
1986	10/8/01	GW07779RG	BERYLLIUM	REAL	TR1	0.25	UG/L	U	V1	0.25	1	4	Plume Extent	YES
1986	10/8/01	GW07779RG	CADMIUM	REAL	TR1	0.18	UG/L	U	V1	0.18	1	5	Plume Extent	YES
1986	10/8/01	GW07779RG	CALCIUM	REAL	TR1	188000	UG/L		V1	45	1		Plume Extent	YES
1986	10/8/01	GW07779RG	CHROMIUM	REAL	TR1	0.26	UG/L	U	V1	0.26	1	100	Plume Extent	YES
1986	10/8/01	GW07779RG	COBALT	REAL	TR1	3.7	UG/L	B	V1	2.3	1	2190	Plume Extent	YES
1986	10/8/01	GW07779RG	COPPER	REAL	TR1	0.55	UG/L	U	UJ1	0.55	1	1300	Plume Extent	YES
1986	10/8/01	GW07779RG	IRON	REAL	TR1	19700	UG/L		V1	16	1		Plume Extent	YES
1986	10/8/01	GW07779RG	LEAD	REAL	TR1	1	UG/L	U	V1	1	1	15	Plume Extent	YES



## Appendix A: Groundwater Analytical Data - Metals

Fourth Quarter 2001

Location	Sample Date	Sample #	Analyte	QC Type	Result Type	Result	Units	Lab Qual	Validation	Detect Limit	Dilution	Tier II	IMP Well Class	Filtered
1986	10/8/01	GW07779RG	LITHIUM	REAL	TR1	27	UG/L	B	J1	4.1	1	730	Plume Extent	YES
1986	10/8/01	GW07779RG	MAGNESIUM	REAL	TR1	59700	UG/L		V1	36	1		Plume Extent	YES
1986	10/8/01	GW07779RG	MANGANESE	REAL	TR1	3500	UG/L		V1	0.23	1	1720	Plume Extent	YES
1986	10/8/01	GW07779RG	MERCURY	REAL	TR1	0.023	UG/L	U	V1	0.023	1	2	Plume Extent	YES
1986	10/8/01	GW07779RG	MOLYBDENUM	REAL	TR1	3.2	UG/L	B	V1	0.63	1	183	Plume Extent	YES
1986	10/8/01	GW07779RG	NICKEL	REAL	TR1	3.4	UG/L	U	V1	3.4	1	140	Plume Extent	YES
1986	10/8/01	GW07779RG	POTASSIUM	REAL	TR1	2390	UG/L	B	J1	700	1		Plume Extent	YES
1986	10/8/01	GW07779RG	SELENIUM	REAL	TR1	2.4	UG/L	U	V1	2.4	1	50	Plume Extent	YES
1986	10/8/01	GW07779RG	SILVER	REAL	TR1	0.24	UG/L	B	UJ1	0.23	1	183	Plume Extent	YES
1986	10/8/01	GW07779RG	SODIUM	REAL	TR1	282000	UG/L		V1	3500	1		Plume Extent	YES
1986	10/8/01	GW07779RG	STRONTIUM	REAL	TR1	1280	UG/L		V1	0.18	1	21900	Plume Extent	YES
1986	10/8/01	GW07779RG	THALLIUM	REAL	TR1	3.8	UG/L	B	UJ1	2.1	1	2	Plume Extent	YES
1986	10/8/01	GW07779RG	TIN	REAL	TR1	2.2	UG/L	U	V1	2.2	1	21900	Plume Extent	YES
1986	10/8/01	GW07779RG	URANIUM, TOTAL	REAL	TR1	68	UG/L	U	V1	68	1		Plume Extent	YES
1986	10/8/01	GW07779RG	VANADIUM	REAL	TR1	2.5	UG/L	U	V1	2.5	1	256	Plume Extent	YES
1986	10/8/01	GW07779RG	ZINC	REAL	TR1	6.5	UG/L	U	V1	6.5	1	11000	Plume Extent	YES
2186	11/13/01	GW07780RG	ALUMINUM	REAL	TR1	12	UG/L	U	J1	12	1	36500	Plume Extent	NO
2186	11/13/01	GW07780RG	ANTIMONY	REAL	TR1	1.4	UG/L	U	J1	1.4	1	6	Plume Extent	NO
2186	11/13/01	GW07780RG	ARSENIC	REAL	TR1	1.7	UG/L	U	J1	1.7	1	50	Plume Extent	NO
2186	11/13/01	GW07780RG	BARIUM	REAL	TR1	107	UG/L		V1	0.43	1	2000	Plume Extent	NO
2186	11/13/01	GW07780RG	BERYLLIUM	REAL	TR1	0.25	UG/L	U	V1	0.25	1	4	Plume Extent	NO
2186	11/13/01	GW07780RG	CADMIUM	REAL	TR1	0.18	UG/L	U	J1	0.18	1	5	Plume Extent	NO
2186	11/13/01	GW07780RG	CALCIUM	REAL	TR1	33200	UG/L		V1	45	1		Plume Extent	NO
2186	11/13/01	GW07780RG	CHROMIUM	REAL	TR1	0.6	UG/L	B	J1	0.26	1	100	Plume Extent	NO
2186	11/13/01	GW07780RG	COBALT	REAL	TR1	2.3	UG/L	U	V1	2.3	1	2190	Plume Extent	NO
2186	11/13/01	GW07780RG	COPPER	REAL	TR1	0.68	UG/L	B	J1	0.55	1	1300	Plume Extent	NO
2186	11/13/01	GW07780RG	IRON	REAL	TR1	16	UG/L	U	V1	16	1		Plume Extent	NO
2186	11/13/01	GW07780RG	LEAD	REAL	TR1	1	UG/L	U	J1	1	1	15	Plume Extent	NO
2186	11/13/01	GW07780RG	LITHIUM	REAL	TR1	16.8	UG/L	B	V1	4.1	1	730	Plume Extent	NO
2186	11/13/01	GW07780RG	MAGNESIUM	REAL	TR1	7950	UG/L		V1	36	1		Plume Extent	NO
2186	11/13/01	GW07780RG	MANGANESE	REAL	TR1	13.9	UG/L	B	V1	0.23	1	1720	Plume Extent	NO
2186	11/13/01	GW07780RG	MERCURY	REAL	TR1	0.023	UG/L	U	J1	0.023	1	2	Plume Extent	NO
2186	11/13/01	GW07780RG	MOLYBDENUM	REAL	TR1	3.2	UG/L	B	J1	0.63	1	183	Plume Extent	NO
2186	11/13/01	GW07780RG	NICKEL	REAL	TR1	3.4	UG/L	U	V1	3.4	1	140	Plume Extent	NO
2186	11/13/01	GW07780RG	POTASSIUM	REAL	TR1	1470	UG/L	B	J1	700	1		Plume Extent	NO
2186	11/13/01	GW07780RG	SELENIUM	REAL	TR1	3	UG/L		V1	2.4	1	50	Plume Extent	NO
2186	11/13/01	GW07780RG	SILVER	REAL	TR1	0.23	UG/L	U	V1	0.23	1	183	Plume Extent	NO
2186	11/13/01	GW07780RG	SODIUM	REAL	TR1	26000	UG/L		V1	3500	1		Plume Extent	NO
2186	11/13/01	GW07780RG	STRONTIUM	REAL	TR1	251	UG/L		V1	0.18	1	21900	Plume Extent	NO
2186	11/13/01	GW07780RG	THALLIUM	REAL	TR1	2.2	UG/L	B	J1	2.1	1	2	Plume Extent	NO
2186	11/13/01	GW07780RG	TIN	REAL	TR1	2.3	UG/L	B	UJ1	2.2	1	21900	Plume Extent	NO
2186	11/13/01	GW07780RG	URANIUM, TOTAL	REAL	TR1	68	UG/L	U	V1	68	1		Plume Extent	NO
2186	11/13/01	GW07780RG	VANADIUM	REAL	TR1	2.5	UG/L	U	V1	2.5	1	256	Plume Extent	NO
2186	11/13/01	GW07780RG	ZINC	REAL	TR1	6.5	UG/L	U	V1	6.5	1	11000	Plume Extent	NO
22796	10/9/01	GW07787RG	ALUMINUM	REAL	TR1	12	UG/L	U	V1	12	1	36500	Plume Extent	NO
22796	10/9/01	GW07787RG	ANTIMONY	REAL	TR1	1.4	UG/L	U	J1	1.4	1	6	Plume Extent	NO
22796	10/9/01	GW07787RG	ARSENIC	REAL	TR1	1.7	UG/L	U	J1	1.7	1	50	Plume Extent	NO
22796	10/9/01	GW07787RG	BARIUM	REAL	TR1	405	UG/L		V1	0.43	1	2000	Plume Extent	NO
22796	10/9/01	GW07787RG	BERYLLIUM	REAL	TR1	0.25	UG/L	U	V1	0.25	1	4	Plume Extent	NO
22796	10/9/01	GW07787RG	CADMIUM	REAL	TR1	0.18	UG/L	U	V1	0.18	1	5	Plume Extent	NO
22796	10/9/01	GW07787RG	CALCIUM	REAL	TR1	423000	UG/L		V1	45	1		Plume Extent	NO
22796	10/9/01	GW07787RG	CHROMIUM	REAL	TR1	20.6	UG/L		V1	0.26	1	100	Plume Extent	NO
22796	10/9/01	GW07787RG	COBALT	REAL	TR1	2.3	UG/L	U	V1	2.3	1	2190	Plume Extent	NO
22796	10/9/01	GW07787RG	COPPER	REAL	TR1	1.6	UG/L	B	V1	0.55	1	1300	Plume Extent	NO
22796	10/9/01	GW07787RG	IRON	REAL	TR1	220	UG/L		V1	16	1		Plume Extent	NO
22796	10/9/01	GW07787RG	LEAD	REAL	TR1	1	UG/L	U	V1	1	1	15	Plume Extent	NO
22796	10/9/01	GW07787RG	LITHIUM	REAL	TR1	41.7	UG/L	B	J1	4.1	1	730	Plume Extent	NO

Location	Sample Date	Sample #	Analyte	QC Type	Result Type	Result	Units	Lab Qual	Valid- ation	Detect Limit	Dilu- tion	Tier II	IMP Well Class	Filtered
22796	10/9/01	GW07787RG	MAGNESIUM	REAL	TR1	121000	UG/L		V1	36	1		Plume Extent	NO
22796	10/9/01	GW07787RG	MANGANESE	REAL	TR1	732	UG/L		V1	0.23	1	1720	Plume Extent	NO
22796	10/9/01	GW07787RG	MERCURY	REAL	TR1	0.023	UG/L	U	V1	0.023	1	2	Plume Extent	NO
22796	10/9/01	GW07787RG	MOLYBDENUM	REAL	TR1	10.5	UG/L	B	V1	0.63	1	183	Plume Extent	NO
22796	10/9/01	GW07787RG	NICKEL	REAL	TR1	73.2	UG/L		V1	3.4	1	140	Plume Extent	NO
22796	10/9/01	GW07787RG	POTASSIUM	REAL	TR1	978	UG/L	B	J1	700	1		Plume Extent	NO
22796	10/9/01	GW07787RG	SELENIUM	REAL	TR1	3	UG/L		V1	2.4	1	50	Plume Extent	NO
22796	10/9/01	GW07787RG	SILVER	REAL	TR1	0.23	UG/L	U	J1	0.23	1	183	Plume Extent	NO
22796	10/9/01	GW07787RG	SODIUM	REAL	TR1	434000	UG/L		V1	3500	1		Plume Extent	NO
22796	10/9/01	GW07787RG	STRONTIUM	REAL	TR1	2670	UG/L		V1	0.18	1	21900	Plume Extent	NO
22796	10/9/01	GW07787RG	THALLIUM	REAL	TR1	4.3	UG/L		UJ1	2.1	1	2	Plume Extent	NO
22796	10/9/01	GW07787RG	TIN	REAL	TR1	2.2	UG/L	U	V1	2.2	1	21900	Plume Extent	NO
22796	10/9/01	GW07787RG	URANIUM, TOTAL	REAL	TR1	68	UG/L	U	V1	68	1		Plume Extent	NO
22796	10/9/01	GW07787RG	VANADIUM	REAL	TR1	2.5	UG/L	U	V1	2.5	1	256	Plume Extent	NO
22796	10/9/01	GW07787RG	ZINC	REAL	TR1	6.5	UG/L	U	V1	6.5	1	11000	Plume Extent	NO
23296	10/23/01	GW07809RG	ALUMINUM	REAL	TR1	21.1	UG/L		V1	12	1	36500	Plume Extent	NO
23296	10/23/01	GW07809RG	ANTIMONY	REAL	TR1	1.4	UG/L	U	J1	1.4	1	6	Plume Extent	NO
23296	10/23/01	GW07809RG	ARSENIC	REAL	TR1	1.9	UG/L	B	V1	1.7	1	50	Plume Extent	NO
23296	10/23/01	GW07809RG	BARIUM	REAL	TR1	131	UG/L		V1	0.43	1	2000	Plume Extent	NO
23296	10/23/01	GW07809RG	BERYLLIUM	REAL	TR1	0.25	UG/L	U	V1	0.25	1	4	Plume Extent	NO
23296	10/23/01	GW07809RG	CADMIUM	REAL	TR1	0.18	UG/L	U	V1	0.18	1	5	Plume Extent	NO
23296	10/23/01	GW07809RG	CALCIUM	REAL	TR1	147000	UG/L		V1	45	1		Plume Extent	NO
23296	10/23/01	GW07809RG	CHROMIUM	REAL	TR1	31.5	UG/L		V1	0.25	1	100	Plume Extent	NO
23296	10/23/01	GW07809RG	COBALT	REAL	TR1	2.3	UG/L	U	V1	2.3	1	2190	Plume Extent	NO
23296	10/23/01	GW07809RG	COPPER	REAL	TR1	3.6	UG/L		UJ1	0.55	1	1300	Plume Extent	NO
23296	10/23/01	GW07809RG	IRON	REAL	TR1	294	UG/L		V1	16	1		Plume Extent	NO
23296	10/23/01	GW07809RG	LEAD	REAL	TR1	1	UG/L	U	J1	1	1	15	Plume Extent	NO
23296	10/23/01	GW07809RG	LITHIUM	REAL	TR1	49.1	UG/L	B	V1	4.1	1	730	Plume Extent	NO
23296	10/23/01	GW07809RG	MAGNESIUM	REAL	TR1	34900	UG/L		V1	36	1		Plume Extent	NO
23296	10/23/01	GW07809RG	MANGANESE	REAL	TR1	18	UG/L		V1	0.23	1	1720	Plume Extent	NO
23296	10/23/01	GW07809RG	MERCURY	REAL	TR1	0.023	UG/L	U	V1	0.023	1	2	Plume Extent	NO
23296	10/23/01	GW07809RG	MOLYBDENUM	REAL	TR1	4.8	UG/L	B	UJ1	0.63	1	183	Plume Extent	NO
23296	10/23/01	GW07809RG	NICKEL	REAL	TR1	53.5	UG/L		V1	3.4	1	140	Plume Extent	NO
23296	10/23/01	GW07809RG	POTASSIUM	REAL	TR1	1980	UG/L	B	J1	700	1		Plume Extent	NO
23296	10/23/01	GW07809RG	SELENIUM	REAL	TR1	3.7	UG/L		J1	2.4	1	50	Plume Extent	NO
23296	10/23/01	GW07809RG	SILVER	REAL	TR1	0.23	UG/L	U	J1	0.23	1	183	Plume Extent	NO
23296	10/23/01	GW07809RG	SODIUM	REAL	TR1	85000	UG/L		V1	3500	1		Plume Extent	NO
23296	10/23/01	GW07809RG	STRONTIUM	REAL	TR1	1130	UG/L		V1	0.18	1	21900	Plume Extent	NO
23296	10/23/01	GW07809RG	THALLIUM	REAL	TR1	6.4	UG/L		UJ1	2.1	1	2	Plume Extent	NO
23296	10/23/01	GW07809RG	TIN	REAL	TR1	2.2	UG/L	U	V1	2.2	1	21900	Plume Extent	NO
23296	10/23/01	GW07809RG	URANIUM, TOTAL	REAL	TR1	68	UG/L	U	V1	68	1		Plume Extent	NO
23296	10/23/01	GW07809RG	VANADIUM	REAL	TR1	2.5	UG/L	U	V1	2.5	1	256	Plume Extent	NO
23296	10/23/01	GW07809RG	ZINC	REAL	TR1	6.5	UG/L	U	V1	6.5	1	11000	Plume Extent	NO
3586	10/22/01	GW07803RG	ALUMINUM	REAL	TR1	34.1	UG/L		V1	12	1	36500	Plume Extent	YES
3586	10/22/01	GW07803RG	ANTIMONY	REAL	TR1	1.4	UG/L	U	J1	1.4	1	6	Plume Extent	YES
3586	10/22/01	GW07803RG	ARSENIC	REAL	TR1	4.6	UG/L	B	V1	1.7	1	50	Plume Extent	YES
3586	10/22/01	GW07803RG	BARIUM	REAL	TR1	102	UG/L		V1	0.43	1	2000	Plume Extent	YES
3586	10/22/01	GW07803RG	BERYLLIUM	REAL	TR1	0.25	UG/L	U	V1	0.25	1	4	Plume Extent	YES
3586	10/22/01	GW07803RG	CADMIUM	REAL	TR1	0.18	UG/L	U	V1	0.18	1	5	Plume Extent	YES
3586	10/22/01	GW07803RG	CALCIUM	REAL	TR1	162000	UG/L		V1	45	1		Plume Extent	YES
3586	10/22/01	GW07803RG	CHROMIUM	REAL	TR1	0.48	UG/L	B	J1	0.25	1	100	Plume Extent	YES
3586	10/22/01	GW07803RG	COBALT	REAL	TR1	15.9	UG/L	B	V1	2.3	1	2190	Plume Extent	YES
3586	10/22/01	GW07803RG	COPPER	REAL	TR1	1.1	UG/L	B	UJ1	0.55	1	1300	Plume Extent	YES
3586	10/22/01	GW07803RG	IRON	REAL	TR1	3910	UG/L		V1	16	1		Plume Extent	YES
3586	10/22/01	GW07803RG	LEAD	REAL	TR1	1	UG/L	U	J1	1	1	15	Plume Extent	YES
3586	10/22/01	GW07803RG	LITHIUM	REAL	TR1	19.6	UG/L	B	V1	4.1	1	730	Plume Extent	YES
3586	10/22/01	GW07803RG	MAGNESIUM	REAL	TR1	44300	UG/L		V1	36	1		Plume Extent	YES

## Appendix A: Groundwater Analytical Data - Metals

Fourth Quarter 2001

Location	Sample Date	Sample #	Analyte	QC Type	Result Type	Result	Units	Lab Qual	Validation	Detect Limit	Dilution	Tier II	IMP Well Class	Filtered
3586	10/22/01	GW07803RG	MANGANESE	REAL	TR1	5190	UG/L		V1	0.23	1	1720	Plume Extent	YES
3586	10/22/01	GW07803RG	MERCURY	REAL	TR1	0.023	UG/L	U	V1	0.023	1	2	Plume Extent	YES
3586	10/22/01	GW07803RG	MOLYBDENUM	REAL	TR1	1.2	UG/L	B	UJ1	0.63	1	183	Plume Extent	YES
3586	10/22/01	GW07803RG	NICKEL	REAL	TR1	14.8	UG/L	B	V1	3.4	1	140	Plume Extent	YES
3586	10/22/01	GW07803RG	POTASSIUM	REAL	TR1	700	UG/L	U	J1	700	1		Plume Extent	YES
3586	10/22/01	GW07803RG	SELENIUM	REAL	TR1	2.4	UG/L	U	J1	2.4	1	50	Plume Extent	YES
3586	10/22/01	GW07803RG	SILVER	REAL	TR1	0.28	UG/L	B	J1	0.23	1	183	Plume Extent	YES
3586	10/22/01	GW07803RG	SODIUM	REAL	TR1	178000	UG/L		V1	3500	1		Plume Extent	YES
3586	10/22/01	GW07803RG	STRONTIUM	REAL	TR1	1060	UG/L		V1	0.18	1	21900	Plume Extent	YES
3586	10/22/01	GW07803RG	THALLIUM	REAL	TR1	2.4	UG/L	B	UJ1	2.1	1	2	Plume Extent	YES
3586	10/22/01	GW07803RG	TIN	REAL	TR1	2.2	UG/L	U	V1	2.2	1	21900	Plume Extent	YES
3586	10/22/01	GW07803RG	URANIUM, TOTAL	REAL	TR1	68	UG/L	U	V1	68	1		Plume Extent	YES
3586	10/22/01	GW07803RG	VANADIUM	REAL	TR1	2.5	UG/L	U	V1	2.5	1	256	Plume Extent	YES
3586	10/22/01	GW07803RG	ZINC	REAL	TR1	6.5	UG/L	U	V1	6.5	1	11000	Plume Extent	YES
3687	10/16/01	GW07782RG	ALUMINUM	REAL	TR1	15.3	UG/L	B	V1	12	1	36500	Perf Monitoring	NO
3687	10/16/01	GW07783RG	ALUMINUM	DUP	TR1	17.5	UG/L		V1	12	1	36500	Perf Monitoring	NO
3687	10/16/01	GW07782RG	ANTIMONY	REAL	TR1	1.4	UG/L	U	V1	1.4	1	6	Perf Monitoring	NO
3687	10/16/01	GW07783RG	ANTIMONY	DUP	TR1	1.4	UG/L	U	V1	1.4	1	6	Perf Monitoring	NO
3687	10/16/01	GW07782RG	ARSENIC	REAL	TR1	1.7	UG/L	U	V1	1.7	1	50	Perf Monitoring	NO
3687	10/16/01	GW07783RG	ARSENIC	DUP	TR1	1.7	UG/L	U	V1	1.7	1	50	Perf Monitoring	NO
3687	10/16/01	GW07782RG	BARIUM	REAL	TR1	243	UG/L		V1	0.43	1	2000	Perf Monitoring	NO
3687	10/16/01	GW07783RG	BARIUM	DUP	TR1	246	UG/L		V1	0.43	1	2000	Perf Monitoring	NO
3687	10/16/01	GW07782RG	BERYLLIUM	REAL	TR1	0.25	UG/L	U	V1	0.25	1	4	Perf Monitoring	NO
3687	10/16/01	GW07783RG	BERYLLIUM	DUP	TR1	0.25	UG/L	U	V1	0.25	1	4	Perf Monitoring	NO
3687	10/16/01	GW07782RG	CADMIUM	REAL	TR1	0.18	UG/L	U	V1	0.18	1	5	Perf Monitoring	NO
3687	10/16/01	GW07783RG	CADMIUM	DUP	TR1	0.18	UG/L	U	V1	0.18	1	5	Perf Monitoring	NO
3687	10/16/01	GW07782RG	CALCIUM	REAL	TR1	145000	UG/L		V1	45	1		Perf Monitoring	NO
3687	10/16/01	GW07783RG	CALCIUM	DUP	TR1	144000	UG/L		V1	45	1		Perf Monitoring	NO
3687	10/16/01	GW07782RG	CHROMIUM	REAL	TR1	3.6	UG/L		V1	0.26	1	100	Perf Monitoring	NO
3687	10/16/01	GW07783RG	CHROMIUM	DUP	TR1	4.9	UG/L		V1	0.26	1	100	Perf Monitoring	NO
3687	10/16/01	GW07782RG	COBALT	REAL	TR1	2.3	UG/L	U	V1	2.3	1	2190	Perf Monitoring	NO
3687	10/16/01	GW07783RG	COBALT	DUP	TR1	2.3	UG/L	U	V1	2.3	1	2190	Perf Monitoring	NO
3687	10/16/01	GW07782RG	COPPER	REAL	TR1	1.4	UG/L	B	UJ1	0.55	1	1300	Perf Monitoring	NO
3687	10/16/01	GW07783RG	COPPER	DUP	TR1	1.6	UG/L	B	UJ1	0.55	1	1300	Perf Monitoring	NO
3687	10/16/01	GW07782RG	IRON	REAL	TR1	254	UG/L		V1	16	1		Perf Monitoring	NO
3687	10/16/01	GW07783RG	IRON	DUP	TR1	110	UG/L		UJ1	16	1		Perf Monitoring	NO
3687	10/16/01	GW07782RG	LEAD	REAL	TR1	1	UG/L	U	V1	1	1	15	Perf Monitoring	NO
3687	10/16/01	GW07783RG	LEAD	DUP	TR1	1	UG/L	U	V1	1	1	15	Perf Monitoring	NO
3687	10/16/01	GW07782RG	LITHIUM	REAL	TR1	5.3	UG/L	B	J1	4.1	1	730	Perf Monitoring	NO
3687	10/16/01	GW07783RG	LITHIUM	DUP	TR1	4.1	UG/L	U	J1	4.1	1	730	Perf Monitoring	NO
3687	10/16/01	GW07782RG	MAGNESIUM	REAL	TR1	11100	UG/L		V1	36	1		Perf Monitoring	NO
3687	10/16/01	GW07783RG	MAGNESIUM	DUP	TR1	11100	UG/L		V1	36	1		Perf Monitoring	NO
3687	10/16/01	GW07782RG	MANGANESE	REAL	TR1	10.4	UG/L	B	UJ1	0.23	1	1720	Perf Monitoring	NO
3687	10/16/01	GW07783RG	MANGANESE	DUP	TR1	6.8	UG/L	B	UJ1	0.23	1	1720	Perf Monitoring	NO
3687	10/16/01	GW07782RG	MERCURY	REAL	TR1	0.023	UG/L	U	V1	0.023	1	2	Perf Monitoring	NO
3687	10/16/01	GW07783RG	MERCURY	DUP	TR1	0.023	UG/L	U	V1	0.023	1	2	Perf Monitoring	NO
3687	10/16/01	GW07782RG	MOLYBDENUM	REAL	TR1	1.2	UG/L	B	UJ1	0.63	1	183	Perf Monitoring	NO
3687	10/16/01	GW07783RG	MOLYBDENUM	DUP	TR1	1.1	UG/L	B	UJ1	0.63	1	183	Perf Monitoring	NO
3687	10/16/01	GW07782RG	NICKEL	REAL	TR1	23.8	UG/L		V1	3.4	1	140	Perf Monitoring	NO
3687	10/16/01	GW07783RG	NICKEL	DUP	TR1	17.3	UG/L	B	V1	3.4	1	140	Perf Monitoring	NO
3687	10/16/01	GW07782RG	POTASSIUM	REAL	TR1	700	UG/L	U	J1	700	1		Perf Monitoring	NO
3687	10/16/01	GW07783RG	POTASSIUM	DUP	TR1	700	UG/L	U	J1	700	1		Perf Monitoring	NO
3687	10/16/01	GW07782RG	SELENIUM	REAL	TR1	2.4	UG/L	U	V1	2.4	1	50	Perf Monitoring	NO
3687	10/16/01	GW07783RG	SELENIUM	DUP	TR1	2.4	UG/L	U	V1	2.4	1	50	Perf Monitoring	NO
3687	10/16/01	GW07782RG	SILVER	REAL	TR1	0.23	UG/L	U	J1	0.23	1	183	Perf Monitoring	NO
3687	10/16/01	GW07783RG	SILVER	DUP	TR1	0.23	UG/L	U	J1	0.23	1	183	Perf Monitoring	NO
3687	10/16/01	GW07782RG	SODIUM	REAL	TR1	11700	UG/L		V1	3500	1		Perf Monitoring	NO

Location	Sample Date	Sample #	Analyte	QC Type	Result Type	Result	Units	Lab Qual	Validation	Detect Limit	Dilution	Tier II	IMP Well Class	Filtered
3687	10/16/01	GW07783RG	SODIUM	DUP	TR1	11300	UG/L		V1	3500	1		Perf Monitoring	NO
3687	10/16/01	GW07782RG	STRONTIUM	REAL	TR1	409	UG/L		V1	0.18	1	21900	Perf Monitoring	NO
3687	10/16/01	GW07783RG	STRONTIUM	DUP	TR1	414	UG/L		V1	0.18	1	21900	Perf Monitoring	NO
3687	10/16/01	GW07782RG	THALLIUM	REAL	TR1	3.4	UG/L	B	UJ1	2.1	1	2	Perf Monitoring	NO
3687	10/16/01	GW07783RG	THALLIUM	DUP	TR1	3.9	UG/L	B	UJ1	2.1	1	2	Perf Monitoring	NO
3687	10/16/01	GW07782RG	TIN	REAL	TR1	2.2	UG/L	U	V1	2.2	1	21900	Perf Monitoring	NO
3687	10/16/01	GW07783RG	TIN	DUP	TR1	2.2	UG/L	U	V1	2.2	1	21900	Perf Monitoring	NO
3687	10/16/01	GW07782RG	URANIUM, TOTAL	REAL	TR1	68	UG/L	U	V1	68	1		Perf Monitoring	NO
3687	10/16/01	GW07783RG	URANIUM, TOTAL	DUP	TR1	68	UG/L	U	V1	68	1		Perf Monitoring	NO
3687	10/16/01	GW07782RG	VANADIUM	REAL	TR1	2.5	UG/L	U	V1	2.5	1	256	Perf Monitoring	NO
3687	10/16/01	GW07783RG	VANADIUM	DUP	TR1	2.5	UG/L	U	V1	2.5	1	256	Perf Monitoring	NO
3687	10/16/01	GW07782RG	ZINC	REAL	TR1	6.5	UG/L	U	V1	6.5	1	11000	Perf Monitoring	NO
3687	10/16/01	GW07783RG	ZINC	DUP	TR1	6.5	UG/L	U	V1	6.5	1	11000	Perf Monitoring	NO
37791	12/11/01	GW07884RG	ALUMINUM	REAL	TR1	12	UG/L	U	J1	12	1	36500	D&D Bldg 881	YES
37791	12/11/01	GW07888RG	ALUMINUM	DUP	TR1	12	UG/L	U	J1	12	1	36500	D&D Bldg 881	YES
37791	12/11/01	GW07884RG	ANTIMONY	REAL	TR1	1.4	UG/L	U	J1	1.4	1	6	D&D Bldg 881	YES
37791	12/11/01	GW07888RG	ANTIMONY	DUP	TR1	1.4	UG/L	U	J1	1.4	1	6	D&D Bldg 881	YES
37791	12/11/01	GW07884RG	ARSENIC	REAL	TR1	1.7	UG/L	U	V1	1.7	1	50	D&D Bldg 881	YES
37791	12/11/01	GW07888RG	ARSENIC	DUP	TR1	2.2	UG/L	B	UJ1	1.7	1	50	D&D Bldg 881	YES
37791	12/11/01	GW07884RG	BARIUM	REAL	TR1	224	UG/L		V1	0.43	1	2000	D&D Bldg 881	YES
37791	12/11/01	GW07888RG	BARIUM	DUP	TR1	222	UG/L		V1	0.43	1	2000	D&D Bldg 881	YES
37791	12/11/01	GW07884RG	BERYLLIUM	REAL	TR1	0.25	UG/L	U	J1	0.25	1	4	D&D Bldg 881	YES
37791	12/11/01	GW07888RG	BERYLLIUM	DUP	TR1	0.25	UG/L	U	J1	0.25	1	4	D&D Bldg 881	YES
37791	12/11/01	GW07884RG	CADMIUM	REAL	TR1	0.18	UG/L	U	V1	0.18	1	5	D&D Bldg 881	YES
37791	12/11/01	GW07888RG	CADMIUM	DUP	TR1	0.18	UG/L	U	V1	0.18	1	5	D&D Bldg 881	YES
37791	12/11/01	GW07884RG	CALCIUM	REAL	TR1	86900	UG/L		V1	45	1		D&D Bldg 881	YES
37791	12/11/01	GW07888RG	CALCIUM	DUP	TR1	87900	UG/L		V1	45	1		D&D Bldg 881	YES
37791	12/11/01	GW07884RG	CHROMIUM	REAL	TR1	0.26	UG/L	U	J1	0.26	1	100	D&D Bldg 881	YES
37791	12/11/01	GW07888RG	CHROMIUM	DUP	TR1	0.26	UG/L	U	J1	0.26	1	100	D&D Bldg 881	YES
37791	12/11/01	GW07884RG	COBALT	REAL	TR1	2.3	UG/L	U	V1	2.3	1	2190	D&D Bldg 881	YES
37791	12/11/01	GW07888RG	COBALT	DUP	TR1	2.3	UG/L	U	V1	2.3	1	2190	D&D Bldg 881	YES
37791	12/11/01	GW07884RG	COPPER	REAL	TR1	2.2	UG/L	B	UJ1	0.55	1	1300	D&D Bldg 881	YES
37791	12/11/01	GW07888RG	COPPER	DUP	TR1	2.1	UG/L	B	UJ1	0.55	1	1300	D&D Bldg 881	YES
37791	12/11/01	GW07884RG	IRON	REAL	TR1	16	UG/L	U	V1	16	1		D&D Bldg 881	YES
37791	12/11/01	GW07888RG	IRON	DUP	TR1	16	UG/L	U	V1	16	1		D&D Bldg 881	YES
37791	12/11/01	GW07884RG	LEAD	REAL	TR1	1	UG/L	U	V1	1	1	15	D&D Bldg 881	YES
37791	12/11/01	GW07888RG	LEAD	DUP	TR1	1	UG/L	U	V1	1	1	15	D&D Bldg 881	YES
37791	12/11/01	GW07884RG	LITHIUM	REAL	TR1	27.1	UG/L	B	V1	4.1	1	730	D&D Bldg 881	YES
37791	12/11/01	GW07888RG	LITHIUM	DUP	TR1	28.6	UG/L	B	V1	4.1	1	730	D&D Bldg 881	YES
37791	12/11/01	GW07884RG	MAGNESIUM	REAL	TR1	58400	UG/L		V1	36	1		D&D Bldg 881	YES
37791	12/11/01	GW07888RG	MAGNESIUM	DUP	TR1	58800	UG/L		V1	36	1		D&D Bldg 881	YES
37791	12/11/01	GW07884RG	MANGANESE	REAL	TR1	3.5	UG/L	B	V1	0.23	1	1720	D&D Bldg 881	YES
37791	12/11/01	GW07888RG	MANGANESE	DUP	TR1	3.3	UG/L	B	V1	0.23	1	1720	D&D Bldg 881	YES
37791	12/11/01	GW07884RG	MERCURY	REAL	TR1	0.023	UG/L	U	J1	0.023	1	2	D&D Bldg 881	YES
37791	12/11/01	GW07888RG	MERCURY	DUP	TR1	0.023	UG/L	U	J1	0.023	1	2	D&D Bldg 881	YES
37791	12/11/01	GW07884RG	MOLYBDENUM	REAL	TR1	5	UG/L	B	V1	0.63	1	183	D&D Bldg 881	YES
37791	12/11/01	GW07888RG	MOLYBDENUM	DUP	TR1	5.4	UG/L	B	V1	0.63	1	183	D&D Bldg 881	YES
37791	12/11/01	GW07884RG	NICKEL	REAL	TR1	3.4	UG/L	U	V1	3.4	1	140	D&D Bldg 881	YES
37791	12/11/01	GW07888RG	NICKEL	DUP	TR1	3.4	UG/L	U	V1	3.4	1	140	D&D Bldg 881	YES
37791	12/11/01	GW07884RG	POTASSIUM	REAL	TR1	4160	UG/L	B	J1	700	1		D&D Bldg 881	YES
37791	12/11/01	GW07888RG	POTASSIUM	DUP	TR1	4370	UG/L	B	J1	700	1		D&D Bldg 881	YES
37791	12/11/01	GW07884RG	SELENIUM	REAL	TR1	2.4	UG/L	U	V1	2.4	1	50	D&D Bldg 881	YES
37791	12/11/01	GW07888RG	SELENIUM	DUP	TR1	2.4	UG/L	U	V1	2.4	1	50	D&D Bldg 881	YES
37791	12/11/01	GW07884RG	SILVER	REAL	TR1	0.23	UG/L	U	J1	0.23	1	183	D&D Bldg 881	YES
37791	12/11/01	GW07888RG	SILVER	DUP	TR1	0.23	UG/L	U	J1	0.23	1	183	D&D Bldg 881	YES
37791	12/11/01	GW07884RG	SODIUM	REAL	TR1	116000	UG/L		V1	3500	1		D&D Bldg 881	YES
37791	12/11/01	GW07888RG	SODIUM	DUP	TR1	117000	UG/L		V1	3500	1		D&D Bldg 881	YES

## Appendix A: Groundwater Analytical Data - Metals

Fourth Quarter 2001

Location	Sample Date	Sample #	Analyte	QC Type	Result Type	Result	Units	Lab Qual	Validation	Detect Limit	Dilution	Tier II	IMP Well Class	Filtered
37791	12/11/01	GW07884RG	STRONTIUM	REAL	TR1	1230	UG/L		V1	0.18	1	21900	D&D Bldg 881	YES
37791	12/11/01	GW07888RG	STRONTIUM	DUP	TR1	1220	UG/L		V1	0.18	1	21900	D&D Bldg 881	YES
37791	12/11/01	GW07884RG	THALLIUM	REAL	TR1	2.1	UG/L	U	J1	2.1	1	2	D&D Bldg 881	YES
37791	12/11/01	GW07888RG	THALLIUM	DUP	TR1	2.3	UG/L	B	UJ1	2.1	1	2	D&D Bldg 881	YES
37791	12/11/01	GW07884RG	TIN	REAL	TR1	2.2	UG/L	U	J1	2.2	1	21900	D&D Bldg 881	YES
37791	12/11/01	GW07888RG	TIN	DUP	TR1	2.2	UG/L	U	J1	2.2	1	21900	D&D Bldg 881	YES
37791	12/11/01	GW07884RG	URANIUM, TOTAL	REAL	TR1	68	UG/L	U	V1	68	1		D&D Bldg 881	YES
37791	12/11/01	GW07888RG	URANIUM, TOTAL	DUP	TR1	68	UG/L	U	V1	68	1		D&D Bldg 881	YES
37791	12/11/01	GW07884RG	VANADIUM	REAL	TR1	2.5	UG/L	U	V1	2.5	1	256	D&D Bldg 881	YES
37791	12/11/01	GW07888RG	VANADIUM	DUP	TR1	2.5	UG/L	U	V1	2.5	1	256	D&D Bldg 881	YES
37791	12/11/01	GW07884RG	ZINC	REAL	TR1	6.5	UG/L	U	V1	6.5	1	11000	D&D Bldg 881	YES
37791	12/11/01	GW07888RG	ZINC	DUP	TR1	6.5	UG/L	U	V1	6.5	1	11000	D&D Bldg 881	YES
37791	12/11/01	GW07889RG	ALUMINUM	RNS	TR1	12	UG/L	U	J1	12	1	36500	D&D Bldg 881	YES
37791	12/11/01	GW07889RG	ANTIMONY	RNS	TR1	1.4	UG/L	U	J1	1.4	1	6	D&D Bldg 881	YES
37791	12/11/01	GW07889RG	ARSENIC	RNS	TR1	1.7	UG/L	U	V1	1.7	1	50	D&D Bldg 881	YES
37791	12/11/01	GW07889RG	BARIUM	RNS	TR1	0.52	UG/L	B	V1	0.43	1	2000	D&D Bldg 881	YES
37791	12/11/01	GW07889RG	BERYLLIUM	RNS	TR1	0.25	UG/L	U	J1	0.25	1	4	D&D Bldg 881	YES
37791	12/11/01	GW07889RG	CADMIUM	RNS	TR1	0.18	UG/L	U	V1	0.18	1	5	D&D Bldg 881	YES
37791	12/11/01	GW07889RG	CALCIUM	RNS	TR1	121	UG/L	B	V1	45	1		D&D Bldg 881	YES
37791	12/11/01	GW07889RG	CHROMIUM	RNS	TR1	0.26	UG/L	U	J1	0.26	1	100	D&D Bldg 881	YES
37791	12/11/01	GW07889RG	COBALT	RNS	TR1	2.3	UG/L	U	V1	2.3	1	2190	D&D Bldg 881	YES
37791	12/11/01	GW07889RG	COPPER	RNS	TR1	1.7	UG/L	B	UJ1	0.55	1	1300	D&D Bldg 881	YES
37791	12/11/01	GW07889RG	IRON	RNS	TR1	17.9	UG/L	B	V1	16	1		D&D Bldg 881	YES
37791	12/11/01	GW07889RG	LEAD	RNS	TR1	1	UG/L	U	V1	1	1	15	D&D Bldg 881	YES
37791	12/11/01	GW07889RG	LITHIUM	RNS	TR1	4.1	UG/L	U	V1	4.1	1	730	D&D Bldg 881	YES
37791	12/11/01	GW07889RG	MAGNESIUM	RNS	TR1	36	UG/L	U	V1	36	1		D&D Bldg 881	YES
37791	12/11/01	GW07889RG	MANGANESE	RNS	TR1	0.64	UG/L	B	V1	0.23	1	1720	D&D Bldg 881	YES
37791	12/11/01	GW07889RG	MERCURY	RNS	TR1	0.023	UG/L	U	J1	0.023	1	2	D&D Bldg 881	YES
37791	12/11/01	GW07889RG	MOLYBDENUM	RNS	TR1	0.63	UG/L	U	V1	0.63	1	183	D&D Bldg 881	YES
37791	12/11/01	GW07889RG	NICKEL	RNS	TR1	3.4	UG/L	U	V1	3.4	1	140	D&D Bldg 881	YES
37791	12/11/01	GW07889RG	POTASSIUM	RNS	TR1	700	UG/L	U	V1	700	1		D&D Bldg 881	YES
37791	12/11/01	GW07889RG	SELENIUM	RNS	TR1	2.4	UG/L	U	V1	2.4	1	50	D&D Bldg 881	YES
37791	12/11/01	GW07889RG	SILVER	RNS	TR1	0.23	UG/L	U	J1	0.23	1	183	D&D Bldg 881	YES
37791	12/11/01	GW07889RG	SODIUM	RNS	TR1	3500	UG/L	U	V1	3500	1		D&D Bldg 881	YES
37791	12/11/01	GW07889RG	STRONTIUM	RNS	TR1	0.39	UG/L	B	V1	0.18	1	21900	D&D Bldg 881	YES
37791	12/11/01	GW07889RG	THALLIUM	RNS	TR1	2.1	UG/L	U	J1	2.1	1	2	D&D Bldg 881	YES
37791	12/11/01	GW07889RG	TIN	RNS	TR1	2.2	UG/L	U	J1	2.2	1	21900	D&D Bldg 881	YES
37791	12/11/01	GW07889RG	URANIUM, TOTAL	RNS	TR1	68	UG/L	U	V1	68	1		D&D Bldg 881	YES
37791	12/11/01	GW07889RG	VANADIUM	RNS	TR1	2.5	UG/L	U	V1	2.5	1	256	D&D Bldg 881	YES
37791	12/11/01	GW07889RG	ZINC	RNS	TR1	6.5	UG/L	U	V1	6.5	1	11000	D&D Bldg 881	YES
55901	12/26/01	GW07871RG	ALUMINUM	REAL	TR1	14.1	UG/L	B	R	12	1	36500	D&D Bldg 559	YES
55901	12/26/01	GW07871RG	ANTIMONY	REAL	TR1	1.4	UG/L	U	J	1.4	1	6	D&D Bldg 559	YES
55901	12/26/01	GW07871RG	ARSENIC	REAL	TR1	1.7	UG/L	U	V	1.7	1	50	D&D Bldg 559	YES
55901	12/26/01	GW07871RG	BARIUM	REAL	TR1	252	UG/L		J	0.43	1	2000	D&D Bldg 559	YES
55901	12/26/01	GW07871RG	BERYLLIUM	REAL	TR1	0.25	UG/L	U	V	0.25	1	4	D&D Bldg 559	YES
55901	12/26/01	GW07871RG	CADMIUM	REAL	TR1	0.64	UG/L	B	UJ	0.18	1	5	D&D Bldg 559	YES
55901	12/26/01	GW07871RG	CALCIUM	REAL	TR1	107000	UG/L		V	45	1		D&D Bldg 559	YES
55901	12/26/01	GW07871RG	CHROMIUM	REAL	TR1	0.26	UG/L	U	V	0.26	1	100	D&D Bldg 559	YES
55901	12/26/01	GW07871RG	COBALT	REAL	TR1	2.3	UG/L	U	V	2.3	1	2190	D&D Bldg 559	YES
55901	12/26/01	GW07871RG	COPPER	REAL	TR1	0.55	UG/L	U	J	0.55	1	1300	D&D Bldg 559	YES
55901	12/26/01	GW07871RG	IRON	REAL	TR1	26.5	UG/L	B	V	16	1		D&D Bldg 559	YES
55901	12/26/01	GW07871RG	LEAD	REAL	TR1	1	UG/L	U	J	1	1	15	D&D Bldg 559	YES
55901	12/26/01	GW07871RG	LITHIUM	REAL	TR1	14.5	UG/L	B	V	4.1	1	730	D&D Bldg 559	YES
55901	12/26/01	GW07871RG	MAGNESIUM	REAL	TR1	17400	UG/L		V	36	1		D&D Bldg 559	YES
55901	12/26/01	GW07871RG	MANGANESE	REAL	TR1	170	UG/L		V	0.23	1	1720	D&D Bldg 559	YES
55901	12/26/01	GW07871RG	MERCURY	REAL	TR1	0.023	UG/L	U	V	0.023	1	2	D&D Bldg 559	YES
55901	12/26/01	GW07871RG	MOLYBDENUM	REAL	TR1	11.6	UG/L	B	V	0.63	1	183	D&D Bldg 559	YES



Location	Sample Date	Sample #	Analyte	QC Type	Result Type	Result	Units	Lab Qual	Valid-ation	Detect Limit	Dilu-tion	Tier II	IMP Well Class	Filtere
55901	12/26/01	GW07871RG	NICKEL	REAL	TR1	3.6	UG/L	B	J	3.4	1	140	D&D Bldg 559	YES
55901	12/26/01	GW07871RG	POTASSIUM	REAL	TR1	2850	UG/L	B	V	700	1		D&D Bldg 559	YES
55901	12/26/01	GW07871RG	SELENIUM	REAL	TR1	2.7	UG/L	B	UJ	2.4	1	50	D&D Bldg 559	YES
55901	12/26/01	GW07871RG	SILVER	REAL	TR1	0.23	UG/L	U	J	0.23	1	183	D&D Bldg 559	YES
55901	12/26/01	GW07871RG	SODIUM	REAL	TR1	34100	UG/L		V	3500	1		D&D Bldg 559	YES
55901	12/26/01	GW07871RG	STRONTIUM	REAL	TR1	574	UG/L		V	0.18	1	21900	D&D Bldg 559	YES
55901	12/26/01	GW07871RG	THALLIUM	REAL	TR1	2.5	UG/L	B	V	2.1	1	2	D&D Bldg 559	YES
55901	12/26/01	GW07871RG	TIN	REAL	TR1	2.2	UG/L	U	J	2.2	1	21900	D&D Bldg 559	YES
55901	12/26/01	GW07871RG	URANIUM, TOTAL	REAL	TR1	68	UG/L	U	V	68	1		D&D Bldg 559	YES
55901	12/26/01	GW07871RG	VANADIUM	REAL	TR1	2.5	UG/L	U	V	2.5	1	256	D&D Bldg 559	YES
55901	12/26/01	GW07871RG	ZINC	REAL	TR1	25.5	UG/L		V	6.5	1	11000	D&D Bldg 559	YES
56201	12/27/01	GW07876RG	ALUMINUM	REAL	TR1	13.3	UG/L	B	R	12	1	36500	D&D Bldg 559	YES
56201	12/27/01	GW07876RG	ANTIMONY	REAL	TR1	1.4	UG/L	U	J	1.4	1	6	D&D Bldg 559	YES
56201	12/27/01	GW07876RG	ARSENIC	REAL	TR1	1.7	UG/L	U	V	1.7	1	50	D&D Bldg 559	YES
56201	12/27/01	GW07876RG	BARIUM	REAL	TR1	213	UG/L		J	0.43	1	2000	D&D Bldg 559	YES
56201	12/27/01	GW07876RG	BERYLLIUM	REAL	TR1	0.25	UG/L	U	V	0.25	1	4	D&D Bldg 559	YES
56201	12/27/01	GW07876RG	CADMIUM	REAL	TR1	0.85	UG/L	B	UJ	0.18	1	5	D&D Bldg 559	YES
56201	12/27/01	GW07876RG	CALCIUM	REAL	TR1	71900	UG/L		V	45	1		D&D Bldg 559	YES
56201	12/27/01	GW07876RG	CHROMIUM	REAL	TR1	0.26	UG/L	U	V	0.26	1	100	D&D Bldg 559	YES
56201	12/27/01	GW07876RG	COBALT	REAL	TR1	9	UG/L	B	V	2.3	1	2190	D&D Bldg 559	YES
56201	12/27/01	GW07876RG	COPPER	REAL	TR1	0.55	UG/L	U	J	0.55	1	1300	D&D Bldg 559	YES
56201	12/27/01	GW07876RG	IRON	REAL	TR1	16	UG/L	U	V	16	1		D&D Bldg 559	YES
56201	12/27/01	GW07876RG	LEAD	REAL	TR1	1	UG/L	U	J	1	1	15	D&D Bldg 559	YES
56201	12/27/01	GW07876RG	LITHIUM	REAL	TR1	13	UG/L	B	V	4.1	1	730	D&D Bldg 559	YES
56201	12/27/01	GW07876RG	MAGNESIUM	REAL	TR1	12000	UG/L		V	36	1		D&D Bldg 559	YES
56201	12/27/01	GW07876RG	MANGANESE	REAL	TR1	905	UG/L		V	0.23	1	1720	D&D Bldg 559	YES
56201	12/27/01	GW07876RG	MERCURY	REAL	TR1	0.023	UG/L	U	V	0.023	1	2	D&D Bldg 559	YES
56201	12/27/01	GW07876RG	MOLYBDENUM	REAL	TR1	7.6	UG/L	B	V	0.63	1	183	D&D Bldg 559	YES
56201	12/27/01	GW07876RG	NICKEL	REAL	TR1	12.8	UG/L	B	J	3.4	1	140	D&D Bldg 559	YES
56201	12/27/01	GW07876RG	POTASSIUM	REAL	TR1	2500	UG/L	B	V	700	1		D&D Bldg 559	YES
56201	12/27/01	GW07876RG	SELENIUM	REAL	TR1	3.4	UG/L		UJ	2.4	1	50	D&D Bldg 559	YES
56201	12/27/01	GW07876RG	SILVER	REAL	TR1	0.23	UG/L	U	J	0.23	1	183	D&D Bldg 559	YES
56201	12/27/01	GW07876RG	SODIUM	REAL	TR1	21600	UG/L		V	3500	1		D&D Bldg 559	YES
56201	12/27/01	GW07876RG	STRONTIUM	REAL	TR1	408	UG/L		V	0.18	1	21900	D&D Bldg 559	YES
56201	12/27/01	GW07876RG	THALLIUM	REAL	TR1	2.1	UG/L	U	V	2.1	1	2	D&D Bldg 559	YES
56201	12/27/01	GW07876RG	TIN	REAL	TR1	2.2	UG/L	U	J	2.2	1	21900	D&D Bldg 559	YES
56201	12/27/01	GW07876RG	URANIUM, TOTAL	REAL	TR1	68	UG/L	U	V	68	1		D&D Bldg 559	YES
56201	12/27/01	GW07876RG	VANADIUM	REAL	TR1	2.5	UG/L	U	V	2.5	1	256	D&D Bldg 559	YES
56201	12/27/01	GW07876RG	ZINC	REAL	TR1	22.7	UG/L		V	6.5	1	11000	D&D Bldg 559	YES
56301	12/13/01	GW07877RG	ALUMINUM	REAL	TR1	12	UG/L	U	J1	12	1	36500	D&D Bldg 559	YES
56301	12/13/01	GW07877RG	ANTIMONY	REAL	TR1	1.4	UG/L	U	J1	1.4	1	6	D&D Bldg 559	YES
56301	12/13/01	GW07877RG	ARSENIC	REAL	TR1	1.7	UG/L	U	V1	1.7	1	50	D&D Bldg 559	YES
56301	12/13/01	GW07877RG	BARIUM	REAL	TR1	203	UG/L		V1	0.43	1	2000	D&D Bldg 559	YES
56301	12/13/01	GW07877RG	BERYLLIUM	REAL	TR1	0.25	UG/L	U	J1	0.25	1	4	D&D Bldg 559	YES
56301	12/13/01	GW07877RG	CADMIUM	REAL	TR1	1.8	UG/L		V1	0.18	1	5	D&D Bldg 559	YES
56301	12/13/01	GW07877RG	CALCIUM	REAL	TR1	94800	UG/L		V1	45	1		D&D Bldg 559	YES
56301	12/13/01	GW07877RG	CHROMIUM	REAL	TR1	0.26	UG/L	U	J1	0.26	1	100	D&D Bldg 559	YES
56301	12/13/01	GW07877RG	COBALT	REAL	TR1	2.3	UG/L	U	V1	2.3	1	2190	D&D Bldg 559	YES
56301	12/13/01	GW07877RG	COPPER	REAL	TR1	2	UG/L	B	UJ1	0.55	1	1300	D&D Bldg 559	YES
56301	12/13/01	GW07877RG	IRON	REAL	TR1	16	UG/L	U	V1	16	1		D&D Bldg 559	YES
56301	12/13/01	GW07877RG	LEAD	REAL	TR1	1	UG/L	U	V1	1	1	15	D&D Bldg 559	YES
56301	12/13/01	GW07877RG	LITHIUM	REAL	TR1	14.9	UG/L	B	V1	4.1	1	730	D&D Bldg 559	YES
56301	12/13/01	GW07877RG	MAGNESIUM	REAL	TR1	16500	UG/L		V1	36	1		D&D Bldg 559	YES
56301	12/13/01	GW07877RG	MANGANESE	REAL	TR1	261	UG/L		V1	0.23	1	1720	D&D Bldg 559	YES
56301	12/13/01	GW07877RG	MERCURY	REAL	TR1	0.023	UG/L	U	J1	0.023	1	2	D&D Bldg 559	YES
56301	12/13/01	GW07877RG	MOLYBDENUM	REAL	TR1	20.2	UG/L	B	V1	0.63	1	183	D&D Bldg 559	YES
56301	12/13/01	GW07877RG	NICKEL	REAL	TR1	3.6	UG/L	B	J1	3.4	1	140	D&D Bldg 559	YES

## Appendix A: Groundwater Analytical Data - Metals

Fourth Quarter 2001

Location	Sample Date	Sample #	Analyte	QC Type	Result Type	Result	Units	Lab Qual	Validation	Detect Limit	Dilution	Tier II	IMP Well Class	Filtered
56301	12/13/01	GW07877RG	POTASSIUM	REAL	TR1	2980	UG/L	B	J1	700	1		D&D Bldg 559	YES
56301	12/13/01	GW07877RG	SELENIUM	REAL	TR1	2.4	UG/L	U	V1	2.4	1	50	D&D Bldg 559	YES
56301	12/13/01	GW07877RG	SILVER	REAL	TR1	0.23	UG/L	U	J1	0.23	1	183	D&D Bldg 559	YES
56301	12/13/01	GW07877RG	SODIUM	REAL	TR1	23500	UG/L		V1	3500	1		D&D Bldg 559	YES
56301	12/13/01	GW07877RG	STRONTIUM	REAL	TR1	496	UG/L		V1	0.18	1	21900	D&D Bldg 559	YES
56301	12/13/01	GW07877RG	THALLIUM	REAL	TR1	2.1	UG/L	U	J1	2.1	1	2	D&D Bldg 559	YES
56301	12/13/01	GW07877RG	TIN	REAL	TR1	2.2	UG/L	U	J1	2.2	1	21900	D&D Bldg 559	YES
56301	12/13/01	GW07877RG	URANIUM, TOTAL	REAL	TR1	68	UG/L	U	V1	68	1		D&D Bldg 559	YES
56301	12/13/01	GW07877RG	VANADIUM	REAL	TR1	2.5	UG/L	U	V1	2.5	1	256	D&D Bldg 559	YES
56301	12/13/01	GW07877RG	ZINC	REAL	TR1	10.8	UG/L	B	J1	6.5	1	11000	D&D Bldg 559	YES
5887	10/9/01	GW07815RG	ALUMINUM	REAL	TR1	12	UG/L	U	V1	12	1	36500	RCRA	NO
5887	10/9/01	GW07815RG	ANTIMONY	REAL	TR1	1.4	UG/L	U	J1	1.4	1	6	RCRA	NO
5887	10/9/01	GW07815RG	ARSENIC	REAL	TR1	1.7	UG/L	U	J1	1.7	1	50	RCRA	NO
5887	10/9/01	GW07815RG	BARIUM	REAL	TR1	65.3	UG/L	B	V1	0.43	1	2000	RCRA	NO
5887	10/9/01	GW07815RG	BERYLLIUM	REAL	TR1	0.38	UG/L	B	UJ1	0.25	1	4	RCRA	NO
5887	10/9/01	GW07815RG	CADMIUM	REAL	TR1	0.18	UG/L	U	V1	0.18	1	5	RCRA	NO
5887	10/9/01	GW07815RG	CALCIUM	REAL	TR1	22000	UG/L		V1	45	1		RCRA	NO
5887	10/9/01	GW07815RG	CHROMIUM	REAL	TR1	2	UG/L		V1	0.26	1	100	RCRA	NO
5887	10/9/01	GW07815RG	COBALT	REAL	TR1	2.3	UG/L	U	V1	2.3	1	2190	RCRA	NO
5887	10/9/01	GW07815RG	COPPER	REAL	TR1	2.5	UG/L	B	UJ1	0.55	1	1300	RCRA	NO
5887	10/9/01	GW07815RG	IRON	REAL	TR1	16	UG/L	U	V1	16	1		RCRA	NO
5887	10/9/01	GW07815RG	LEAD	REAL	TR1	1	UG/L	U	V1	1	1	15	RCRA	NO
5887	10/9/01	GW07815RG	LITHIUM	REAL	TR1	4.1	UG/L	U	J1	4.1	1	730	RCRA	NO
5887	10/9/01	GW07815RG	MAGNESIUM	REAL	TR1	4720	UG/L	B	V1	36	1		RCRA	NO
5887	10/9/01	GW07815RG	MANGANESE	REAL	TR1	1.6	UG/L	B	UJ1	0.23	1	1720	RCRA	NO
5887	10/9/01	GW07815RG	MERCURY	REAL	TR1	0.023	UG/L	U	V1	0.023	1	2	RCRA	NO
5887	10/9/01	GW07815RG	MOLYBDENUM	REAL	TR1	1.2	UG/L	B	V1	0.63	1	183	RCRA	NO
5887	10/9/01	GW07815RG	NICKEL	REAL	TR1	3.4	UG/L	U	V1	3.4	1	140	RCRA	NO
5887	10/9/01	GW07815RG	POTASSIUM	REAL	TR1	882	UG/L	B	J1	700	1		RCRA	NO
5887	10/9/01	GW07815RG	SELENIUM	REAL	TR1	3.4	UG/L		V1	2.4	1	50	RCRA	NO
5887	10/9/01	GW07815RG	SILVER	REAL	TR1	0.23	UG/L	U	J1	0.23	1	183	RCRA	NO
5887	10/9/01	GW07815RG	SODIUM	REAL	TR1	10000	UG/L		V1	3500	1		RCRA	NO
5887	10/9/01	GW07815RG	STRONTIUM	REAL	TR1	129	UG/L	B	V1	0.18	1	21900	RCRA	NO
5887	10/9/01	GW07815RG	THALLIUM	REAL	TR1	2.1	UG/L	U	V1	2.1	1	2	RCRA	NO
5887	10/9/01	GW07815RG	TIN	REAL	TR1	2.2	UG/L	U	V1	2.2	1	21900	RCRA	NO
5887	10/9/01	GW07815RG	URANIUM, TOTAL	REAL	TR1	68	UG/L	U	V1	68	1		RCRA	NO
5887	10/9/01	GW07815RG	VANADIUM	REAL	TR1	2.5	UG/L	U	V1	2.5	1	256	RCRA	NO
5887	10/9/01	GW07815RG	ZINC	REAL	TR1	6.5	UG/L	U	V1	6.5	1	11000	RCRA	NO
60499	11/12/01	GW07844RG	ALUMINUM	REAL	TR1	58.6	UG/L		UJ1	12	1	36500	D&D Bldg 707	YES
60499	11/12/01	GW07844RG	ANTIMONY	REAL	TR1	1.4	UG/L	U	J1	1.4	1	6	D&D Bldg 707	YES
60499	11/12/01	GW07844RG	ARSENIC	REAL	TR1	1.7	UG/L	U	J1	1.7	1	50	D&D Bldg 707	YES
60499	11/12/01	GW07844RG	BARIUM	REAL	TR1	86.1	UG/L	B	V1	0.43	1	2000	D&D Bldg 707	YES
60499	11/12/01	GW07844RG	BERYLLIUM	REAL	TR1	0.25	UG/L	U	V1	0.25	1	4	D&D Bldg 707	YES
60499	11/12/01	GW07844RG	CADMIUM	REAL	TR1	0.45	UG/L	B	J1	0.18	1	5	D&D Bldg 707	YES
60499	11/12/01	GW07844RG	CALCIUM	REAL	TR1	80400	UG/L		V1	45	1		D&D Bldg 707	YES
60499	11/12/01	GW07844RG	CHROMIUM	REAL	TR1	0.43	UG/L	B	J1	0.26	1	100	D&D Bldg 707	YES
60499	11/12/01	GW07844RG	COBALT	REAL	TR1	2.3	UG/L	U	V1	2.3	1	2190	D&D Bldg 707	YES
60499	11/12/01	GW07844RG	COPPER	REAL	TR1	1.3	UG/L	B	J1	0.55	1	1300	D&D Bldg 707	YES
60499	11/12/01	GW07844RG	IRON	REAL	TR1	54.1	UG/L	B	V1	16	1		D&D Bldg 707	YES
60499	11/12/01	GW07844RG	LEAD	REAL	TR1	1	UG/L	U	J1	1	1	15	D&D Bldg 707	YES
60499	11/12/01	GW07844RG	LITHIUM	REAL	TR1	25.2	UG/L	B	V1	4.1	1	730	D&D Bldg 707	YES
60499	11/12/01	GW07844RG	MAGNESIUM	REAL	TR1	20800	UG/L		V1	36	1		D&D Bldg 707	YES
60499	11/12/01	GW07844RG	MANGANESE	REAL	TR1	1.6	UG/L	B	V1	0.23	1	1720	D&D Bldg 707	YES
60499	11/12/01	GW07844RG	MERCURY	REAL	TR1	0.023	UG/L	U	J1	0.023	1	2	D&D Bldg 707	YES
60499	11/12/01	GW07844RG	MOLYBDENUM	REAL	TR1	11.5	UG/L	B	V1	0.63	1	183	D&D Bldg 707	YES
60499	11/12/01	GW07844RG	NICKEL	REAL	TR1	3.4	UG/L	U	V1	3.4	1	140	D&D Bldg 707	YES
60499	11/12/01	GW07844RG	POTASSIUM	REAL	TR1	1610	UG/L	B	J1	700	1		D&D Bldg 707	YES

Location	Sample Date	Sample #	Analyte	QC Type	Result Type	Result	Units	Lab Qual	Validation	Detect Limit	Dilution	Tier II	IMP Well Class	Filtered
60499	11/12/01	GW07844RG	SELENIUM	REAL	TR1	2.4	UG/L	U	V1	2.4	1	50	D&D Bldg 707	YES
60499	11/12/01	GW07844RG	SILVER	REAL	TR1	0.23	UG/L	U	V1	0.23	1	183	D&D Bldg 707	YES
60499	11/12/01	GW07844RG	SODIUM	REAL	TR1	31100	UG/L		V1	3500	1		D&D Bldg 707	YES
60499	11/12/01	GW07844RG	STRONTIUM	REAL	TR1	570	UG/L		V1	0.18	1	21900	D&D Bldg 707	YES
60499	11/12/01	GW07844RG	THALLIUM	REAL	TR1	3.5	UG/L	B	J1	2.1	1	2	D&D Bldg 707	YES
60499	11/12/01	GW07844RG	TIN	REAL	TR1	2.2	UG/L	U	V1	2.2	1	21900	D&D Bldg 707	YES
60499	11/12/01	GW07844RG	URANIUM, TOTAL	REAL	TR1	68	UG/L	U	V1	68	1		D&D Bldg 707	YES
60499	11/12/01	GW07844RG	VANADIUM	REAL	TR1	2.5	UG/L	U	V1	2.5	1	256	D&D Bldg 707	YES
60499	11/12/01	GW07844RG	ZINC	REAL	TR1	6.5	UG/L	U	V1	6.5	1	11000	D&D Bldg 707	YES
61099	12/13/01	GW07892RG	ALUMINUM	REAL	TR1	12	UG/L	U	J1	12	1	36500	D&D Bldg 883	YES
61099	12/13/01	GW07892RG	ANTIMONY	REAL	TR1	1.4	UG/L	U	J1	1.4	1	6	D&D Bldg 883	YES
61099	12/13/01	GW07892RG	ARSENIC	REAL	TR1	1.7	UG/L	U	V1	1.7	1	50	D&D Bldg 883	YES
61099	12/13/01	GW07892RG	BARIUM	REAL	TR1	189	UG/L		V1	0.43	1	2000	D&D Bldg 883	YES
61099	12/13/01	GW07892RG	BERYLLIUM	REAL	TR1	0.25	UG/L	U	J1	0.25	1	4	D&D Bldg 883	YES
61099	12/13/01	GW07892RG	CADMIUM	REAL	TR1	1.1	UG/L		V1	0.18	1	5	D&D Bldg 883	YES
61099	12/13/01	GW07892RG	CALCIUM	REAL	TR1	112000	UG/L		V1	45	1		D&D Bldg 883	YES
61099	12/13/01	GW07892RG	CHROMIUM	REAL	TR1	0.28	UG/L	B	J1	0.26	1	100	D&D Bldg 883	YES
61099	12/13/01	GW07892RG	COBALT	REAL	TR1	2.3	UG/L	U	V1	2.3	1	2190	D&D Bldg 883	YES
61099	12/13/01	GW07892RG	COPPER	REAL	TR1	1.7	UG/L	B	UJ1	0.55	1	1300	D&D Bldg 883	YES
61099	12/13/01	GW07892RG	IRON	REAL	TR1	16	UG/L	U	V1	16	1		D&D Bldg 883	YES
61099	12/13/01	GW07892RG	LEAD	REAL	TR1	1	UG/L	U	V1	1	1	15	D&D Bldg 883	YES
61099	12/13/01	GW07892RG	LITHIUM	REAL	TR1	8.1	UG/L	B	V1	4.1	1	730	D&D Bldg 883	YES
61099	12/13/01	GW07892RG	MAGNESIUM	REAL	TR1	15600	UG/L		V1	36	1		D&D Bldg 883	YES
61099	12/13/01	GW07892RG	MANGANESE	REAL	TR1	0.92	UG/L	B	V1	0.23	1	1720	D&D Bldg 883	YES
61099	12/13/01	GW07892RG	MERCURY	REAL	TR1	0.023	UG/L	U	J1	0.023	1	2	D&D Bldg 883	YES
61099	12/13/01	GW07892RG	MOLYBDENUM	REAL	TR1	2.6	UG/L	B	V1	0.63	1	183	D&D Bldg 883	YES
61099	12/13/01	GW07892RG	NICKEL	REAL	TR1	3.4	UG/L	U	V1	3.4	1	140	D&D Bldg 883	YES
61099	12/13/01	GW07892RG	POTASSIUM	REAL	TR1	1080	UG/L	B	J1	700	1		D&D Bldg 883	YES
61099	12/13/01	GW07892RG	SELENIUM	REAL	TR1	2.4	UG/L	U	V1	2.4	1	50	D&D Bldg 883	YES
61099	12/13/01	GW07892RG	SILVER	REAL	TR1	0.23	UG/L	U	J1	0.23	1	183	D&D Bldg 883	YES
61099	12/13/01	GW07892RG	SODIUM	REAL	TR1	19800	UG/L		V1	3500	1		D&D Bldg 883	YES
61099	12/13/01	GW07892RG	STRONTIUM	REAL	TR1	500	UG/L		V1	0.18	1	21900	D&D Bldg 883	YES
61099	12/13/01	GW07892RG	THALLIUM	REAL	TR1	2.1	UG/L	U	J1	2.1	1	2	D&D Bldg 883	YES
61099	12/13/01	GW07892RG	TIN	REAL	TR1	2.2	UG/L	U	J1	2.2	1	21900	D&D Bldg 883	YES
61099	12/13/01	GW07892RG	URANIUM, TOTAL	REAL	TR1	68	UG/L	U	V1	68	1		D&D Bldg 883	YES
61099	12/13/01	GW07892RG	VANADIUM	REAL	TR1	2.5	UG/L	U	V1	2.5	1	256	D&D Bldg 883	YES
61099	12/13/01	GW07892RG	ZINC	REAL	TR1	6.5	UG/L	U	V1	6.5	1	11000	D&D Bldg 883	YES
61199	12/11/01	GW07891RG	ALUMINUM	REAL	TR1	12	UG/L	U	J1	12	1	36500	D&D Bldg 883	YES
61199	12/11/01	GW07891RG	ANTIMONY	REAL	TR1	1.4	UG/L	U	J1	1.4	1	6	D&D Bldg 883	YES
61199	12/11/01	GW07891RG	ARSENIC	REAL	TR1	1.7	UG/L	U	V1	1.7	1	50	D&D Bldg 883	YES
61199	12/11/01	GW07891RG	BARIUM	REAL	TR1	264	UG/L		V1	0.43	1	2000	D&D Bldg 883	YES
61199	12/11/01	GW07891RG	BERYLLIUM	REAL	TR1	0.25	UG/L	U	J1	0.25	1	4	D&D Bldg 883	YES
61199	12/11/01	GW07891RG	CADMIUM	REAL	TR1	0.18	UG/L	U	V1	0.18	1	5	D&D Bldg 883	YES
61199	12/11/01	GW07891RG	CALCIUM	REAL	TR1	188000	UG/L		V1	45	1		D&D Bldg 883	YES
61199	12/11/01	GW07891RG	CHROMIUM	REAL	TR1	0.26	UG/L	U	J1	0.26	1	100	D&D Bldg 883	YES
61199	12/11/01	GW07891RG	COBALT	REAL	TR1	2.3	UG/L	U	V1	2.3	1	2190	D&D Bldg 883	YES
61199	12/11/01	GW07891RG	COPPER	REAL	TR1	2.4	UG/L	B	UJ1	0.55	1	1300	D&D Bldg 883	YES
61199	12/11/01	GW07891RG	IRON	REAL	TR1	16	UG/L	U	V1	16	1		D&D Bldg 883	YES
61199	12/11/01	GW07891RG	LEAD	REAL	TR1	1	UG/L	U	V1	1	1	15	D&D Bldg 883	YES
61199	12/11/01	GW07891RG	LITHIUM	REAL	TR1	14.9	UG/L	B	V1	4.1	1	730	D&D Bldg 883	YES
61199	12/11/01	GW07891RG	MAGNESIUM	REAL	TR1	24400	UG/L		V1	36	1		D&D Bldg 883	YES
61199	12/11/01	GW07891RG	MANGANESE	REAL	TR1	1.2	UG/L	B	V1	0.23	1	1720	D&D Bldg 883	YES
61199	12/11/01	GW07891RG	MERCURY	REAL	TR1	0.023	UG/L	U	J1	0.023	1	2	D&D Bldg 883	YES
61199	12/11/01	GW07891RG	MOLYBDENUM	REAL	TR1	0.63	UG/L	U	V1	0.63	1	183	D&D Bldg 883	YES
61199	12/11/01	GW07891RG	NICKEL	REAL	TR1	3.4	UG/L	U	V1	3.4	1	140	D&D Bldg 883	YES
61199	12/11/01	GW07891RG	POTASSIUM	REAL	TR1	1370	UG/L	B	J1	700	1		D&D Bldg 883	YES
61199	12/11/01	GW07891RG	SELENIUM	REAL	TR1	2.4	UG/L	U	V1	2.4	1	50	D&D Bldg 883	YES



## Appendix A: Groundwater Analytical Data - Metals

Fourth Quarter 2001

Location	Sample Date	Sample #	Analyte	QC Type	Result Type	Result	Units	Lab Qual	Validation	Detect Limit	Dilution	Tier II	IMP Well Class	Filtered
61199	12/11/01	GW07891RG	SILVER	REAL	TR1	0.23	UG/L	U	J1	0.23	1	183	D&D Bldg 883	YES
61199	12/11/01	GW07891RG	SODIUM	REAL	TR1	58100	UG/L		V1	3500	1		D&D Bldg 883	YES
61199	12/11/01	GW07891RG	STRONTIUM	REAL	TR1	773	UG/L		V1	0.18	1	21900	D&D Bldg 883	YES
61199	12/11/01	GW07891RG	THALLIUM	REAL	TR1	2.2	UG/L	B	UJ1	2.1	1	2	D&D Bldg 883	YES
61199	12/11/01	GW07891RG	TIN	REAL	TR1	2.2	UG/L	U	J1	2.2	1	21900	D&D Bldg 883	YES
61199	12/11/01	GW07891RG	URANIUM, TOTAL	REAL	TR1	68	UG/L	U	V1	68	1		D&D Bldg 883	YES
61199	12/11/01	GW07891RG	VANADIUM	REAL	TR1	2.5	UG/L	U	V1	2.5	1	256	D&D Bldg 883	YES
61199	12/11/01	GW07891RG	ZINC	REAL	TR1	6.5	UG/L	U	V1	6.5	1	11000	D&D Bldg 883	YES
70193	10/11/01	GW07818RG	ALUMINUM	REAL	TR1	12	UG/L	U	V1	12	1	36500	RCRA	YES
70193	10/11/01	GW07818RG	ANTIMONY	REAL	TR1	1.4	UG/L	U	V1	1.4	1	6	RCRA	YES
70193	10/11/01	GW07818RG	ARSENIC	REAL	TR1	1.7	UG/L	U	V1	1.7	1	50	RCRA	YES
70193	10/11/01	GW07818RG	BARIUM	REAL	TR1	83.8	UG/L	B	V1	0.43	1	2000	RCRA	YES
70193	10/11/01	GW07818RG	BERYLLIUM	REAL	TR1	0.25	UG/L	U	V1	0.25	1	4	RCRA	YES
70193	10/11/01	GW07818RG	CADMIUM	REAL	TR1	0.18	UG/L	U	V1	0.18	1	5	RCRA	YES
70193	10/11/01	GW07818RG	CALCIUM	REAL	TR1	22300	UG/L		V1	45	1		RCRA	YES
70193	10/11/01	GW07818RG	CHROMIUM	REAL	TR1	0.26	UG/L	U	V1	0.26	1	100	RCRA	YES
70193	10/11/01	GW07818RG	COBALT	REAL	TR1	2.3	UG/L	U	V1	2.3	1	2190	RCRA	YES
70193	10/11/01	GW07818RG	COPPER	REAL	TR1	0.55	UG/L	U	V1	0.55	1	1300	RCRA	YES
70193	10/11/01	GW07818RG	IRON	REAL	TR1	16	UG/L	U	V1	16	1		RCRA	YES
70193	10/11/01	GW07818RG	LEAD	REAL	TR1	1	UG/L	U	V1	1	1	15	RCRA	YES
70193	10/11/01	GW07818RG	LITHIUM	REAL	TR1	6	UG/L	B	J1	4.1	1	730	RCRA	YES
70193	10/11/01	GW07818RG	MAGNESIUM	REAL	TR1	4720	UG/L	B	V1	36	1		RCRA	YES
70193	10/11/01	GW07818RG	MANGANESE	REAL	TR1	0.44	UG/L	B	UJ1	0.23	1	1720	RCRA	YES
70193	10/11/01	GW07818RG	MERCURY	REAL	TR1	0.023	UG/L	U	V1	0.023	1	2	RCRA	YES
70193	10/11/01	GW07818RG	MOLYBDENUM	REAL	TR1	0.63	UG/L	U	V1	0.63	1	183	RCRA	YES
70193	10/11/01	GW07818RG	NICKEL	REAL	TR1	3.4	UG/L	U	V1	3.4	1	140	RCRA	YES
70193	10/11/01	GW07818RG	POTASSIUM	REAL	TR1	955	UG/L	B	J1	700	1		RCRA	YES
70193	10/11/01	GW07818RG	SELENIUM	REAL	TR1	5.7	UG/L		V1	2.4	1	50	RCRA	YES
70193	10/11/01	GW07818RG	SILVER	REAL	TR1	0.24	UG/L	B	UJ1	0.23	1	183	RCRA	YES
70193	10/11/01	GW07818RG	SODIUM	REAL	TR1	12700	UG/L		V1	3500	1		RCRA	YES
70193	10/11/01	GW07818RG	STRONTIUM	REAL	TR1	151	UG/L	B	V1	0.18	1	21900	RCRA	YES
70193	10/11/01	GW07818RG	THALLIUM	REAL	TR1	3	UG/L	B	UJ1	2.1	1	2	RCRA	YES
70193	10/11/01	GW07818RG	TIN	REAL	TR1	2.2	UG/L	U	V1	2.2	1	21900	RCRA	YES
70193	10/11/01	GW07818RG	URANIUM, TOTAL	REAL	TR1	68	UG/L	U	V1	68	1		RCRA	YES
70193	10/11/01	GW07818RG	VANADIUM	REAL	TR1	2.5	UG/L	U	V1	2.5	1	256	RCRA	YES
70193	10/11/01	GW07818RG	ZINC	REAL	TR1	6.5	UG/L	U	V1	6.5	1	11000	RCRA	YES
70393	10/10/01	GW07819RG	ALUMINUM	REAL	TR1	12	UG/L	U	V1	12	1	36500	RCRA	NO
70393	10/10/01	GW07819RG	ANTIMONY	REAL	TR1	1.4	UG/L	U	J1	1.4	1	6	RCRA	NO
70393	10/10/01	GW07819RG	ARSENIC	REAL	TR1	1.7	UG/L	U	J1	1.7	1	50	RCRA	NO
70393	10/10/01	GW07819RG	BARIUM	REAL	TR1	61	UG/L	B	V1	0.43	1	2000	RCRA	NO
70393	10/10/01	GW07819RG	BERYLLIUM	REAL	TR1	0.34	UG/L	B	UJ1	0.25	1	4	RCRA	NO
70393	10/10/01	GW07819RG	CADMIUM	REAL	TR1	0.35	UG/L	B	V1	0.18	1	5	RCRA	NO
70393	10/10/01	GW07819RG	CALCIUM	REAL	TR1	21000	UG/L		V1	45	1		RCRA	NO
70393	10/10/01	GW07819RG	CHROMIUM	REAL	TR1	0.26	UG/L	U	V1	0.26	1	100	RCRA	NO
70393	10/10/01	GW07819RG	COBALT	REAL	TR1	2.3	UG/L	U	V1	2.3	1	2190	RCRA	NO
70393	10/10/01	GW07819RG	COPPER	REAL	TR1	0.72	UG/L	B	UJ1	0.55	1	1300	RCRA	NO
70393	10/10/01	GW07819RG	IRON	REAL	TR1	16	UG/L	U	V1	16	1		RCRA	NO
70393	10/10/01	GW07819RG	LEAD	REAL	TR1	1	UG/L	U	V1	1	1	15	RCRA	NO
70393	10/10/01	GW07819RG	LITHIUM	REAL	TR1	7.4	UG/L	B	J1	4.1	1	730	RCRA	NO
70393	10/10/01	GW07819RG	MAGNESIUM	REAL	TR1	4250	UG/L	B	V1	36	1		RCRA	NO
70393	10/10/01	GW07819RG	MANGANESE	REAL	TR1	1.4	UG/L	B	UJ1	0.23	1	1720	RCRA	NO
70393	10/10/01	GW07819RG	MERCURY	REAL	TR1	0.023	UG/L	U	V1	0.023	1	2	RCRA	NO
70393	10/10/01	GW07819RG	MOLYBDENUM	REAL	TR1	0.7	UG/L	B	V1	0.63	1	183	RCRA	NO
70393	10/10/01	GW07819RG	NICKEL	REAL	TR1	3.4	UG/L	U	V1	3.4	1	140	RCRA	NO
70393	10/10/01	GW07819RG	POTASSIUM	REAL	TR1	700	UG/L	U	J1	700	1		RCRA	NO
70393	10/10/01	GW07819RG	SELENIUM	REAL	TR1	2.4	UG/L	U	V1	2.4	1	50	RCRA	NO
70393	10/10/01	GW07819RG	SILVER	REAL	TR1	0.23	UG/L	U	J1	0.23	1	183	RCRA	NO

Location	Sample Date	Sample #	Analyte	QC Type	Result Type	Result	Units	Lab Qual	Validation	Detect Limit	Dilution	Tier II	IMP Well Class	Filtered
70393	10/10/01	GW07819RG	SODIUM	REAL	TR1	14100	UG/L		V1	3500	1		RCRA	NO
70393	10/10/01	GW07819RG	STRONTIUM	REAL	TR1	112	UG/L	B	V1	0.18	1	21900	RCRA	NO
70393	10/10/01	GW07819RG	THALLIUM	REAL	TR1	2.1	UG/L	U	V1	2.1	1	2	RCRA	NO
70393	10/10/01	GW07819RG	TIN	REAL	TR1	2.2	UG/L	U	V1	2.2	1	21900	RCRA	NO
70393	10/10/01	GW07819RG	URANIUM, TOTAL	REAL	TR1	68	UG/L	U	V1	68	1		RCRA	NO
70393	10/10/01	GW07819RG	VANADIUM	REAL	TR1	2.5	UG/L	U	V1	2.5	1	256	RCRA	NO
70393	10/10/01	GW07819RG	ZINC	REAL	TR1	6.5	UG/L	U	V1	6.5	1	11000	RCRA	NO
70493	10/17/01	GW07820RG	ALUMINUM	REAL	TR1	14.3	UG/L	B	V1	12	1	36500	RCRA	YES
70493	10/17/01	GW07820RG	ANTIMONY	REAL	TR1	1.4	UG/L	U	V1	1.4	1	6	RCRA	YES
70493	10/17/01	GW07820RG	ARSENIC	REAL	TR1	1.7	UG/L	U	V1	1.7	1	50	RCRA	YES
70493	10/17/01	GW07820RG	BARIUM	REAL	TR1	96.2	UG/L	B	V1	0.43	1	2000	RCRA	YES
70493	10/17/01	GW07820RG	BERYLLIUM	REAL	TR1	0.25	UG/L	U	V1	0.25	1	4	RCRA	YES
70493	10/17/01	GW07820RG	CADMIUM	REAL	TR1	0.18	UG/L	U	V1	0.18	1	5	RCRA	YES
70493	10/17/01	GW07820RG	CALCIUM	REAL	TR1	31100	UG/L		V1	45	1		RCRA	YES
70493	10/17/01	GW07820RG	CHROMIUM	REAL	TR1	0.26	UG/L	U	V1	0.26	1	100	RCRA	YES
70493	10/17/01	GW07820RG	COBALT	REAL	TR1	2.3	UG/L	U	V1	2.3	1	2190	RCRA	YES
70493	10/17/01	GW07820RG	COPPER	REAL	TR1	2	UG/L	B	UJ1	0.55	1	1300	RCRA	YES
70493	10/17/01	GW07820RG	IRON	REAL	TR1	16	UG/L	U	V1	16	1		RCRA	YES
70493	10/17/01	GW07820RG	LEAD	REAL	TR1	1	UG/L	U	V1	1	1	15	RCRA	YES
70493	10/17/01	GW07820RG	LITHIUM	REAL	TR1	13.5	UG/L	B	J1	4.1	1	730	RCRA	YES
70493	10/17/01	GW07820RG	MAGNESIUM	REAL	TR1	7520	UG/L		V1	36	1		RCRA	YES
70493	10/17/01	GW07820RG	MANGANESE	REAL	TR1	0.54	UG/L	B	UJ1	0.23	1	1720	RCRA	YES
70493	10/17/01	GW07820RG	MERCURY	REAL	TR1	0.023	UG/L	U	V1	0.023	1	2	RCRA	YES
70493	10/17/01	GW07820RG	MOLYBDENUM	REAL	TR1	2.2	UG/L	B	UJ1	0.63	1	183	RCRA	YES
70493	10/17/01	GW07820RG	NICKEL	REAL	TR1	3.4	UG/L	U	V1	3.4	1	140	RCRA	YES
70493	10/17/01	GW07820RG	POTASSIUM	REAL	TR1	961	UG/L	B	J1	700	1		RCRA	YES
70493	10/17/01	GW07820RG	SELENIUM	REAL	TR1	4.1	UG/L		V1	2.4	1	50	RCRA	YES
70493	10/17/01	GW07820RG	SILVER	REAL	TR1	2.6	UG/L		V1	0.23	1	183	RCRA	YES
70493	10/17/01	GW07820RG	SODIUM	REAL	TR1	18200	UG/L		V1	3500	1		RCRA	YES
70493	10/17/01	GW07820RG	STRONTIUM	REAL	TR1	238	UG/L		V1	0.18	1	21900	RCRA	YES
70493	10/17/01	GW07820RG	THALLIUM	REAL	TR1	3	UG/L	B	UJ1	2.1	1	2	RCRA	YES
70493	10/17/01	GW07820RG	TIN	REAL	TR1	2.2	UG/L	U	V1	2.2	1	21900	RCRA	YES
70493	10/17/01	GW07820RG	URANIUM, TOTAL	REAL	TR1	68	UG/L	U	V1	68	1		RCRA	YES
70493	10/17/01	GW07820RG	VANADIUM	REAL	TR1	2.5	UG/L	U	V1	2.5	1	256	RCRA	YES
70493	10/17/01	GW07820RG	ZINC	REAL	TR1	6.5	UG/L	U	V1	6.5	1	11000	RCRA	YES
83101	12/6/01	GW07893RG	ALUMINUM	REAL	TR1	12	UG/L	U	J1	12	1	36500	D&D Bldg 883/881	YES
83101	12/6/01	GW07893RG	ANTIMONY	REAL	TR1	1.4	UG/L	U	J1	1.4	1	6	D&D Bldg 883/881	YES
83101	12/6/01	GW07893RG	ARSENIC	REAL	TR1	1.7	UG/L	U	V1	1.7	1	50	D&D Bldg 883/881	YES
83101	12/6/01	GW07893RG	BARIUM	REAL	TR1	324	UG/L		V1	0.43	1	2000	D&D Bldg 883/881	YES
83101	12/6/01	GW07893RG	BERYLLIUM	REAL	TR1	0.25	UG/L	U	J1	0.25	1	4	D&D Bldg 883/881	YES
83101	12/6/01	GW07893RG	CADMIUM	REAL	TR1	5.3	UG/L		V1	0.18	1	5	D&D Bldg 883/881	YES
83101	12/6/01	GW07893RG	CALCIUM	REAL	TR1	143000	UG/L		V1	45	1		D&D Bldg 883/881	YES
83101	12/6/01	GW07893RG	CHROMIUM	REAL	TR1	0.4	UG/L	B	J1	0.26	1	100	D&D Bldg 883/881	YES
83101	12/6/01	GW07893RG	COBALT	REAL	TR1	2.3	UG/L	U	V1	2.3	1	2190	D&D Bldg 883/881	YES
83101	12/6/01	GW07893RG	COPPER	REAL	TR1	2.4	UG/L	B	UJ1	0.55	1	1300	D&D Bldg 883/881	YES
83101	12/6/01	GW07893RG	IRON	REAL	TR1	16	UG/L	U	V1	16	1		D&D Bldg 883/881	YES
83101	12/6/01	GW07893RG	LEAD	REAL	TR1	1	UG/L	U	V1	1	1	15	D&D Bldg 883/881	YES
83101	12/6/01	GW07893RG	LITHIUM	REAL	TR1	33.6	UG/L	B	V1	4.1	1	730	D&D Bldg 883/881	YES
83101	12/6/01	GW07893RG	MAGNESIUM	REAL	TR1	84700	UG/L		V1	36	1		D&D Bldg 883/881	YES
83101	12/6/01	GW07893RG	MANGANESE	REAL	TR1	72	UG/L		V1	0.23	1	1720	D&D Bldg 883/881	YES
83101	12/6/01	GW07893RG	MERCURY	REAL	TR1	0.023	UG/L	U	J1	0.023	1	2	D&D Bldg 883/881	YES
83101	12/6/01	GW07893RG	MOLYBDENUM	REAL	TR1	43	UG/L		V1	0.63	1	183	D&D Bldg 883/881	YES
83101	12/6/01	GW07893RG	NICKEL	REAL	TR1	3.4	UG/L	U	V1	3.4	1	140	D&D Bldg 883/881	YES
83101	12/6/01	GW07893RG	POTASSIUM	REAL	TR1	3790	UG/L	B	J1	700	1		D&D Bldg 883/881	YES
83101	12/6/01	GW07893RG	SELENIUM	REAL	TR1	2.9	UG/L	B	V1	2.4	1	50	D&D Bldg 883/881	YES
83101	12/6/01	GW07893RG	SILVER	REAL	TR1	0.23	UG/L	U	J1	0.23	1	183	D&D Bldg 883/881	YES
83101	12/6/01	GW07893RG	SODIUM	REAL	TR1	111000	UG/L		V1	3500	1		D&D Bldg 883/881	YES

## Appendix A: Groundwater Analytical Data - Metals

Fourth Quarter 2001

Location	Sample Date	Sample #	Analyte	QC Type	Result Type	Result	Units	Lab Qual	Valid-ation	Detect Limit	Dilu-tion	Tier II	IMP Well Class	Filtered
83101	12/6/01	GW07893RG	STRONTIUM	REAL	TR1	1830	UG/L		V1	0.18	1	21900	D&D Bldg 883/881	YES
83101	12/6/01	GW07893RG	THALLIUM	REAL	TR1	2.1	UG/L	U	J1	2.1	1	2	D&D Bldg 883/881	YES
83101	12/6/01	GW07893RG	TIN	REAL	TR1	2.2	UG/L	U	J1	2.2	1	21900	D&D Bldg 883/881	YES
83101	12/6/01	GW07893RG	URANIUM, TOTAL	REAL	TR1	68	UG/L	U	V1	68	1		D&D Bldg 883/881	YES
83101	12/6/01	GW07893RG	VANADIUM	REAL	TR1	2.5	UG/L	U	V1	2.5	1	256	D&D Bldg 883/881	YES
83101	12/6/01	GW07893RG	ZINC	REAL	TR1	16.6	UG/L	B	J1	6.5	1	11000	D&D Bldg 883/881	YES
83201	12/27/01	GW07894RG	ALUMINUM	REAL	TR1	12	UG/L	U	V	12	1	36500	D&D Bldg 883	YES
83201	12/27/01	GW07894RG	ANTIMONY	REAL	TR1	1.4	UG/L	U	J	1.4	1	6	D&D Bldg 883	YES
83201	12/27/01	GW07894RG	ARSENIC	REAL	TR1	3.7	UG/L	B	J	1.7	1	50	D&D Bldg 883	YES
83201	12/27/01	GW07894RG	BARIUM	REAL	TR1	38.6	UG/L	B	J	0.43	1	2000	D&D Bldg 883	YES
83201	12/27/01	GW07894RG	BERYLLIUM	REAL	TR1	0.25	UG/L	U	J	0.25	1	4	D&D Bldg 883	YES
83201	12/27/01	GW07894RG	CADMIUM	REAL	TR1	0.52	UG/L	B	UJ	0.18	1	5	D&D Bldg 883	YES
83201	12/27/01	GW07894RG	CALCIUM	REAL	TR1	569000	UG/L		V	45	1		D&D Bldg 883	YES
83201	12/27/01	GW07894RG	CHROMIUM	REAL	TR1	0.68	UG/L	B	UJ	0.26	1	100	D&D Bldg 883	YES
83201	12/27/01	GW07894RG	COBALT	REAL	TR1	2.3	UG/L	U	V	2.3	1	2190	D&D Bldg 883	YES
83201	12/27/01	GW07894RG	COPPER	REAL	TR1	7.6	UG/L		J	0.55	1	1300	D&D Bldg 883	YES
83201	12/27/01	GW07894RG	IRON	REAL	TR1	16	UG/L	U	V	16	1		D&D Bldg 883	YES
83201	12/27/01	GW07894RG	LEAD	REAL	TR1	1	UG/L	U	J	1	1	15	D&D Bldg 883	YES
83201	12/27/01	GW07894RG	LITHIUM	REAL	TR1	189	UG/L		V	4.1	1	730	D&D Bldg 883	YES
83201	12/27/01	GW07894RG	MAGNESIUM	REAL	TR1	433000	UG/L		V	36	1		D&D Bldg 883	YES
83201	12/27/01	GW07894RG	MANGANESE	REAL	TR1	50.4	UG/L		V	0.23	1	1720	D&D Bldg 883	YES
83201	12/27/01	GW07894RG	MERCURY	REAL	TR1	2.9	UG/L		V	0.023	1	2	D&D Bldg 883	YES
83201	12/27/01	GW07894RG	MOLYBDENUM	REAL	TR1	38.7	UG/L		J	0.63	1	183	D&D Bldg 883	YES
83201	12/27/01	GW07894RG	NICKEL	REAL	TR1	8	UG/L	B	J	3.4	1	140	D&D Bldg 883	YES
83201	12/27/01	GW07894RG	POTASSIUM	REAL	TR1	9170	UG/L		V	700	1		D&D Bldg 883	YES
83201	12/27/01	GW07894RG	SELENIUM	REAL	TR1	58.3	UG/L		J	2.4	1	50	D&D Bldg 883	YES
83201	12/27/01	GW07894RG	SILVER	REAL	TR1	0.23	UG/L	U	J	0.23	1	183	D&D Bldg 883	YES
83201	12/27/01	GW07894RG	SODIUM	REAL	TR1	628000	UG/L		V	3500	1		D&D Bldg 883	YES
83201	12/27/01	GW07894RG	STRONTIUM	REAL	DL1	11100	UG/L		V	1.8	10	21900	D&D Bldg 883	YES
83201	12/27/01	GW07894RG	THALLIUM	REAL	TR1	3.6	UG/L	B	J	2.1	1	2	D&D Bldg 883	YES
83201	12/27/01	GW07894RG	TIN	REAL	TR1	2.2	UG/L	U	J	2.2	1	21900	D&D Bldg 883	YES
83201	12/27/01	GW07894RG	URANIUM, TOTAL	REAL	TR1	339	UG/L		V	68	1		D&D Bldg 883	YES
83201	12/27/01	GW07894RG	VANADIUM	REAL	TR1	2.5	UG/L	U	V	2.5	1	256	D&D Bldg 883	YES
83201	12/27/01	GW07894RG	ZINC	REAL	TR1	37.6	UG/L		V	6.5	1	11000	D&D Bldg 883	YES
86501	11/28/01	GW07879RG	ALUMINUM	REAL	TR1	166	UG/L		V1	12	1	36500	D&D Bldg 865	YES
86501	11/28/01	GW07879RG	ANTIMONY	REAL	TR1	1.4	UG/L	U	V1	1.4	1	6	D&D Bldg 865	YES
86501	11/28/01	GW07879RG	ARSENIC	REAL	TR1	1.7	UG/L	U	J1	1.7	1	50	D&D Bldg 865	YES
86501	11/28/01	GW07879RG	BARIUM	REAL	TR1	116	UG/L		V1	0.43	1	2000	D&D Bldg 865	YES
86501	11/28/01	GW07879RG	BERYLLIUM	REAL	TR1	0.25	UG/L	U	V1	0.25	1	4	D&D Bldg 865	YES
86501	11/28/01	GW07879RG	CADMIUM	REAL	TR1	0.66	UG/L	B	V1	0.18	1	5	D&D Bldg 865	YES
86501	11/28/01	GW07879RG	CALCIUM	REAL	TR1	73900	UG/L		V1	45	1		D&D Bldg 865	YES
86501	11/28/01	GW07879RG	CHROMIUM	REAL	TR1	0.78	UG/L	B	UJ1	0.26	1	100	D&D Bldg 865	YES
86501	11/28/01	GW07879RG	COBALT	REAL	TR1	2.3	UG/L	U	V1	2.3	1	2190	D&D Bldg 865	YES
86501	11/28/01	GW07879RG	COPPER	REAL	TR1	2.6	UG/L	B	J1	0.55	1	1300	D&D Bldg 865	YES
86501	11/28/01	GW07879RG	IRON	REAL	TR1	137	UG/L		V1	16	1		D&D Bldg 865	YES
86501	11/28/01	GW07879RG	LEAD	REAL	TR1	1	UG/L	U	V1	1	1	15	D&D Bldg 865	YES
86501	11/28/01	GW07879RG	LITHIUM	REAL	TR1	66.2	UG/L	B	V1	4.1	1	730	D&D Bldg 865	YES
86501	11/28/01	GW07879RG	MAGNESIUM	REAL	TR1	29100	UG/L		V1	36	1		D&D Bldg 865	YES
86501	11/28/01	GW07879RG	MANGANESE	REAL	TR1	103	UG/L		V1	0.23	1	1720	D&D Bldg 865	YES
86501	11/28/01	GW07879RG	MERCURY	REAL	TR1	0.023	UG/L	U	J1	0.023	1	2	D&D Bldg 865	YES
86501	11/28/01	GW07879RG	MOLYBDENUM	REAL	TR1	20.6	UG/L	B	V1	0.63	1	183	D&D Bldg 865	YES
86501	11/28/01	GW07879RG	NICKEL	REAL	TR1	3.4	UG/L	U	V1	3.4	1	140	D&D Bldg 865	YES
86501	11/28/01	GW07879RG	POTASSIUM	REAL	TR1	4170	UG/L	B	V1	700	1		D&D Bldg 865	YES
86501	11/28/01	GW07879RG	SELENIUM	REAL	TR1	2.4	UG/L	U	J1	2.4	1	50	D&D Bldg 865	YES
86501	11/28/01	GW07879RG	SILVER	REAL	TR1	0.23	UG/L	U	J1	0.23	1	183	D&D Bldg 865	YES
86501	11/28/01	GW07879RG	SODIUM	REAL	TR1	175000	UG/L		V1	3500	1		D&D Bldg 865	YES
86501	11/28/01	GW07879RG	STRONTIUM	REAL	TR1	816	UG/L		V1	0.18	1	21900	D&D Bldg 865	YES

Location	Sample Date	Sample #	Analyte	QC Type	Result Type	Result	Units	Lab Qual	Valid-ation	Detect Limit	Dilu-tion	Tier II	IMP Well Class	Filtered
86501	11/28/01	GW07879RG	THALLIUM	REAL	TR1	2.1	UG/L	U	J1	2.1	1	2	D&D Bldg 865	YES
86501	11/28/01	GW07879RG	TIN	REAL	TR1	2.2	UG/L	U	V1	2.2	1	21900	D&D Bldg 865	YES
86501	11/28/01	GW07879RG	URANIUM, TOTAL	REAL	TR1	88.8	UG/L	B	V1	68	1		D&D Bldg 865	YES
86501	11/28/01	GW07879RG	VANADIUM	REAL	TR1	2.5	UG/L	U	V1	2.5	1	256	D&D Bldg 865	YES
86501	11/28/01	GW07879RG	ZINC	REAL	TR1	21.4	UG/L		V1	6.5	1	11000	D&D Bldg 865	YES
86601	11/28/01	GW07880RG	ALUMINUM	REAL	TR1	14.2	UG/L	B	V1	12	1	36500	D&D Bldg 865	YES
86601	11/28/01	GW07880RG	ANTIMONY	REAL	TR1	1.4	UG/L	U	V1	1.4	1	6	D&D Bldg 865	YES
86601	11/28/01	GW07880RG	ARSENIC	REAL	TR1	1.7	UG/L	U	J1	1.7	1	50	D&D Bldg 865	YES
86601	11/28/01	GW07880RG	BARIUM	REAL	TR1	118	UG/L		V1	0.43	1	2000	D&D Bldg 865	YES
86601	11/28/01	GW07880RG	BERYLLIUM	REAL	TR1	0.25	UG/L	U	V1	0.25	1	4	D&D Bldg 865	YES
86601	11/28/01	GW07880RG	CADMIUM	REAL	TR1	0.83	UG/L	B	V1	0.18	1	5	D&D Bldg 865	YES
86601	11/28/01	GW07880RG	CALCIUM	REAL	TR1	40700	UG/L		V1	45	1		D&D Bldg 865	YES
86601	11/28/01	GW07880RG	CHROMIUM	REAL	TR1	0.41	UG/L	B	UJ1	0.26	1	100	D&D Bldg 865	YES
86601	11/28/01	GW07880RG	COBALT	REAL	TR1	2.3	UG/L	U	V1	2.3	1	2190	D&D Bldg 865	YES
86601	11/28/01	GW07880RG	COPPER	REAL	TR1	1.9	UG/L	B	J1	0.55	1	1300	D&D Bldg 865	YES
86601	11/28/01	GW07880RG	IRON	REAL	TR1	21.8	UG/L	B	V1	16	1		D&D Bldg 865	YES
86601	11/28/01	GW07880RG	LEAD	REAL	TR1	1	UG/L	U	V1	1	1	15	D&D Bldg 865	YES
86601	11/28/01	GW07880RG	LITHIUM	REAL	TR1	54.9	UG/L	B	V1	4.1	1	730	D&D Bldg 865	YES
86601	11/28/01	GW07880RG	MAGNESIUM	REAL	TR1	18600	UG/L		V1	36	1		D&D Bldg 865	YES
86601	11/28/01	GW07880RG	MANGANESE	REAL	TR1	59.3	UG/L		V1	0.23	1	1720	D&D Bldg 865	YES
86601	11/28/01	GW07880RG	MERCURY	REAL	TR1	0.023	UG/L	U	J1	0.023	1	2	D&D Bldg 865	YES
86601	11/28/01	GW07880RG	MOLYBDENUM	REAL	TR1	28.8	UG/L	B	V1	0.63	1	183	D&D Bldg 865	YES
86601	11/28/01	GW07880RG	NICKEL	REAL	TR1	3.4	UG/L	U	V1	3.4	1	140	D&D Bldg 865	YES
86601	11/28/01	GW07880RG	POTASSIUM	REAL	TR1	2930	UG/L	B	V1	700	1		D&D Bldg 865	YES
86601	11/28/01	GW07880RG	SELENIUM	REAL	TR1	2.4	UG/L	U	J1	2.4	1	50	D&D Bldg 865	YES
86601	11/28/01	GW07880RG	SILVER	REAL	TR1	0.23	UG/L	U	J1	0.23	1	183	D&D Bldg 865	YES
86601	11/28/01	GW07880RG	SODIUM	REAL	TR1	111000	UG/L		V1	3500	1		D&D Bldg 865	YES
86601	11/28/01	GW07880RG	STRONTIUM	REAL	TR1	515	UG/L		V1	0.18	1	21900	D&D Bldg 865	YES
86601	11/28/01	GW07880RG	THALLIUM	REAL	TR1	2.1	UG/L	U	J1	2.1	1	2	D&D Bldg 865	YES
86601	11/28/01	GW07880RG	TIN	REAL	TR1	2.2	UG/L	U	V1	2.2	1	21900	D&D Bldg 865	YES
86601	11/28/01	GW07880RG	URANIUM, TOTAL	REAL	TR1	68	UG/L	U	V1	68	1		D&D Bldg 865	YES
86601	11/28/01	GW07880RG	VANADIUM	REAL	TR1	2.5	UG/L	U	V1	2.5	1	256	D&D Bldg 865	YES
86601	11/28/01	GW07880RG	ZINC	REAL	TR1	15	UG/L	B	V1	6.5	1	11000	D&D Bldg 865	YES
891COLWEL	12/17/01	GW07823RG	ALUMINUM	REAL	TR1	16.3	UG/L	B	UJ1	12	1	36500	Perf Monitoring	YES
891COLWEL	12/17/01	GW07823RG	ANTIMONY	REAL	TR1	1.4	UG/L	U	V1	1.4	1	6	Perf Monitoring	YES
891COLWEL	12/17/01	GW07823RG	ARSENIC	REAL	TR1	2.3	UG/L	B	J1	1.7	1	50	Perf Monitoring	YES
891COLWEL	12/17/01	GW07823RG	BARIUM	REAL	TR1	66.9	UG/L	B	V1	0.43	1	2000	Perf Monitoring	YES
891COLWEL	12/17/01	GW07823RG	BERYLLIUM	REAL	TR1	0.25	UG/L	U	V1	0.25	1	4	Perf Monitoring	YES
891COLWEL	12/17/01	GW07823RG	CADMIUM	REAL	TR1	0.18	UG/L	U	V1	0.18	1	5	Perf Monitoring	YES
891COLWEL	12/17/01	GW07823RG	CALCIUM	REAL	TR1	172000	UG/L		V1	45	1		Perf Monitoring	YES
891COLWEL	12/17/01	GW07823RG	CHROMIUM	REAL	TR1	0.26	UG/L	U	V1	0.26	1	100	Perf Monitoring	YES
891COLWEL	12/17/01	GW07823RG	COBALT	REAL	TR1	2.3	UG/L	U	V1	2.3	1	2190	Perf Monitoring	YES
891COLWEL	12/17/01	GW07823RG	COPPER	REAL	TR1	0.84	UG/L	B	J1	0.55	1	1300	Perf Monitoring	YES
891COLWEL	12/17/01	GW07823RG	IRON	REAL	TR1	16.8	UG/L	B	V1	16	1		Perf Monitoring	YES
891COLWEL	12/17/01	GW07823RG	LEAD	REAL	TR1	1	UG/L	U	J1	1	1	15	Perf Monitoring	YES
891COLWEL	12/17/01	GW07823RG	LITHIUM	REAL	TR1	29.7	UG/L	B	J1	4.1	1	730	Perf Monitoring	YES
891COLWEL	12/17/01	GW07823RG	MAGNESIUM	REAL	TR1	38400	UG/L		V1	36	1		Perf Monitoring	YES
891COLWEL	12/17/01	GW07823RG	MANGANESE	REAL	TR1	2	UG/L	B	V1	0.23	1	1720	Perf Monitoring	YES
891COLWEL	12/17/01	GW07823RG	MERCURY	REAL	TR1	0.023	UG/L	U	V1	0.023	1	2	Perf Monitoring	YES
891COLWEL	12/17/01	GW07823RG	MOLYBDENUM	REAL	TR1	3.4	UG/L	B	J1	0.63	1	183	Perf Monitoring	YES
891COLWEL	12/17/01	GW07823RG	NICKEL	REAL	TR1	13.3	UG/L	B	V1	3.4	1	140	Perf Monitoring	YES
891COLWEL	12/17/01	GW07823RG	POTASSIUM	REAL	TR1	708	UG/L	B	J1	700	1		Perf Monitoring	YES
891COLWEL	12/17/01	GW07823RG	SELENIUM	REAL	TR1	664	UG/L		V1	2.4	1	50	Perf Monitoring	YES
891COLWEL	12/17/01	GW07823RG	SILVER	REAL	TR1	0.23	UG/L	U	J1	0.23	1	183	Perf Monitoring	YES
891COLWEL	12/17/01	GW07823RG	SODIUM	REAL	TR1	144000	UG/L		V1	3500	1		Perf Monitoring	YES
891COLWEL	12/17/01	GW07823RG	STRONTIUM	REAL	TR1	1260	UG/L		V1	0.18	1	21900	Perf Monitoring	YES
891COLWEL	12/17/01	GW07823RG	THALLIUM	REAL	TR1	4.4	UG/L		UJ1	2.1	1	2	Perf Monitoring	YES

Location	Sample Date	Sample #	Analyte	QC Type	Result Type	Result	Units	Lab Qual	Validation	Detect Limit	Dilution	Tier II	IMP Well Class	Filtered
891COLWEL	12/17/01	GW07823RG	TIN	REAL	TR1	2.2	UG/L	U	V1	2.2	1	21900	Perf Monitoring	YES
891COLWEL	12/17/01	GW07823RG	URANIUM, TOTAL	REAL	TR1	68	UG/L	U	V1	68	1		Perf Monitoring	YES
891COLWEL	12/17/01	GW07823RG	VANADIUM	REAL	TR1	2.9	UG/L	B	V1	2.5	1	256	Perf Monitoring	YES
891COLWEL	12/17/01	GW07823RG	ZINC	REAL	TR1	6.5	UG/L	U	V1	6.5	1	11000	Perf Monitoring	YES
99301	12/6/01	GW07897RG	ALUMINUM	REAL	TR1	12	UG/L	U	J1	12	1	36500	D&D Bldg 991	YES
99301	12/6/01	GW07897RG	ANTIMONY	REAL	TR1	1.4	UG/L	U	J1	1.4	1	6	D&D Bldg 991	YES
99301	12/6/01	GW07897RG	ARSENIC	REAL	TR1	3.7	UG/L	B	UJ1	1.7	1	50	D&D Bldg 991	YES
99301	12/6/01	GW07897RG	BARIIUM	REAL	TR1	43	UG/L	B	V1	0.43	1	2000	D&D Bldg 991	YES
99301	12/6/01	GW07897RG	BERYLLIUM	REAL	TR1	0.25	UG/L	U	J1	0.25	1	4	D&D Bldg 991	YES
99301	12/6/01	GW07897RG	CADMIUM	REAL	TR1	0.39	UG/L	B	V1	0.18	1	5	D&D Bldg 991	YES
99301	12/6/01	GW07897RG	CALCIUM	REAL	TR1	101000	UG/L		V1	45	1		D&D Bldg 991	YES
99301	12/6/01	GW07897RG	CHROMIUM	REAL	TR1	0.5	UG/L	B	J1	0.26	1	100	D&D Bldg 991	YES
99301	12/6/01	GW07897RG	COBALT	REAL	TR1	2.3	UG/L	U	V1	2.3	1	2190	D&D Bldg 991	YES
99301	12/6/01	GW07897RG	COPPER	REAL	TR1	13	UG/L		V1	0.55	1	1300	D&D Bldg 991	YES
99301	12/6/01	GW07897RG	IRON	REAL	TR1	23.9	UG/L	B	V1	16	1		D&D Bldg 991	YES
99301	12/6/01	GW07897RG	LEAD	REAL	TR1	1	UG/L	U	V1	1	1	15	D&D Bldg 991	YES
99301	12/6/01	GW07897RG	LITHIUM	REAL	TR1	168	UG/L		V1	4.1	1	730	D&D Bldg 991	YES
99301	12/6/01	GW07897RG	MAGNESIUM	REAL	TR1	37100	UG/L		V1	36	1		D&D Bldg 991	YES
99301	12/6/01	GW07897RG	MANGANESE	REAL	TR1	73.1	UG/L		V1	0.23	1	1720	D&D Bldg 991	YES
99301	12/6/01	GW07897RG	MERCURY	REAL	TR1	0.023	UG/L	U	J1	0.023	1	2	D&D Bldg 991	YES
99301	12/6/01	GW07897RG	MOLYBDENUM	REAL	TR1	36.7	UG/L		V1	0.63	1	183	D&D Bldg 991	YES
99301	12/6/01	GW07897RG	NICKEL	REAL	TR1	25.1	UG/L		J1	3.4	1	140	D&D Bldg 991	YES
99301	12/6/01	GW07897RG	POTASSIUM	REAL	TR1	4900	UG/L	B	J1	700	1		D&D Bldg 991	YES
99301	12/6/01	GW07897RG	SELENIUM	REAL	TR1	164	UG/L		V1	2.4	1	50	D&D Bldg 991	YES
99301	12/6/01	GW07897RG	SILVER	REAL	TR1	0.23	UG/L	U	J1	0.23	1	183	D&D Bldg 991	YES
99301	12/6/01	GW07897RG	SODIUM	REAL	TR1	232000	UG/L		V1	3500	1		D&D Bldg 991	YES
99301	12/6/01	GW07897RG	STRONTIUM	REAL	TR1	1040	UG/L		V1	0.18	1	21900	D&D Bldg 991	YES
99301	12/6/01	GW07897RG	THALLIUM	REAL	TR1	2.1	UG/L	U	J1	2.1	1	2	D&D Bldg 991	YES
99301	12/6/01	GW07897RG	TIN	REAL	TR1	2.2	UG/L	U	J1	2.2	1	21900	D&D Bldg 991	YES
99301	12/6/01	GW07897RG	URANIUM, TOTAL	REAL	TR1	68	UG/L	U	V1	68	1		D&D Bldg 991	YES
99301	12/6/01	GW07897RG	VANADIUM	REAL	TR1	2.5	UG/L	U	V1	2.5	1	256	D&D Bldg 991	YES
99301	12/6/01	GW07897RG	ZINC	REAL	TR1	14.8	UG/L	B	J1	6.5	1	11000	D&D Bldg 991	YES
B206989	10/9/01	GW07821RG	ALUMINUM	REAL	TR1	26.6	UG/L		UJ1	12	1	36500	RCRA	YES
B206989	10/9/01	GW07821RG	ANTIMONY	REAL	TR1	1.4	UG/L	U	J1	1.4	1	6	RCRA	YES
B206989	10/9/01	GW07821RG	ARSENIC	REAL	TR1	1.7	UG/L	U	V1	1.7	1	50	RCRA	YES
B206989	10/9/01	GW07821RG	BARIIUM	REAL	TR1	15.8	UG/L	B	J1	0.43	1	2000	RCRA	YES
B206989	10/9/01	GW07821RG	BERYLLIUM	REAL	TR1	0.25	UG/L	U	V1	0.25	1	4	RCRA	YES
B206989	10/9/01	GW07821RG	CADMIUM	REAL	TR1	0.18	UG/L	U	V1	0.18	1	5	RCRA	YES
B206989	10/9/01	GW07821RG	CALCIUM	REAL	TR1	502000	UG/L		V1	45	1		RCRA	YES
B206989	10/9/01	GW07821RG	CHROMIUM	REAL	TR1	0.43	UG/L	B	V1	0.26	1	100	RCRA	YES
B206989	10/9/01	GW07821RG	COBALT	REAL	TR1	2.3	UG/L	U	V1	2.3	1	2190	RCRA	YES
B206989	10/9/01	GW07821RG	COPPER	REAL	TR1	5.5	UG/L		V1	0.55	1	1300	RCRA	YES
B206989	10/9/01	GW07821RG	IRON	REAL	TR1	16	UG/L	U	V1	16	1		RCRA	YES
B206989	10/9/01	GW07821RG	LEAD	REAL	TR1	1	UG/L	U	V1	1	1	15	RCRA	YES
B206989	10/9/01	GW07821RG	LITHIUM	REAL	TR1	1150	UG/L		V1	4.1	1	730	RCRA	YES
B206989	10/9/01	GW07821RG	MAGNESIUM	REAL	TR1	197000	UG/L		V1	36	1		RCRA	YES
B206989	10/9/01	GW07821RG	MANGANESE	REAL	TR1	1.5	UG/L	B	V1	0.23	1	1720	RCRA	YES
B206989	10/9/01	GW07821RG	MERCURY	REAL	TR1	0.023	UG/L	U	J1	0.023	1	2	RCRA	YES
B206989	10/9/01	GW07821RG	MOLYBDENUM	REAL	TR1	4	UG/L	B	V1	0.63	1	183	RCRA	YES
B206989	10/9/01	GW07821RG	NICKEL	REAL	TR1	4.1	UG/L	B	V1	3.4	1	140	RCRA	YES
B206989	10/9/01	GW07821RG	POTASSIUM	REAL	TR1	16200	UG/L		V1	700	1		RCRA	YES
B206989	10/9/01	GW07821RG	SELENIUM	REAL	TR1	303	UG/L		J1	2.4	1	50	RCRA	YES
B206989	10/9/01	GW07821RG	SILVER	REAL	TR1	0.23	UG/L	U	V1	0.23	1	183	RCRA	YES
B206989	10/9/01	GW07821RG	SODIUM	REAL	TR1	717000	UG/L		V1	3500	1		RCRA	YES
B206989	10/9/01	GW07821RG	STRONTIUM	REAL	DL1	6470	UG/L		1	0.9	5	21900	RCRA	YES
B206989	10/9/01	GW07821RG	THALLIUM	REAL	TR1	4.5	UG/L		UJ1	2.1	1	2	RCRA	YES
B206989	10/9/01	GW07821RG	TIN	REAL	TR1	2.2	UG/L	U	V1	2.2	1	21900	RCRA	YES



Location	Sample Date	Sample #	Analyte	QC Type	Result Type	Result	Units	Lab Qual	Valid-ation	Detect Limit	Dilu-tion	Tier II	IMP Well Class	Filtered
B206989	10/9/01	GW07821RG	URANIUM, TOTAL	REAL	TR1	80.7	UG/L	B	V1	68	1		RCRA	YES
B206989	10/9/01	GW07821RG	VANADIUM	REAL	TR1	2.5	UG/L	U	V1	2.5	1	256	RCRA	YES
B206989	10/9/01	GW07821RG	ZINC	REAL	TR1	6.5	UG/L	U	V1	6.5	1	11000	RCRA	YES
B208789	10/19/01	GW07789RG	ALUMINUM	REAL	TR1	28.8	UG/L		V1	12	1	36500	Plume Extent	YES
B208789	10/19/01	GW07789RG	ANTIMONY	REAL	TR1	1.4	UG/L	U	J1	1.4	1	6	Plume Extent	YES
B208789	10/19/01	GW07789RG	ARSENIC	REAL	TR1	1.7	UG/L	U	V1	1.7	1	50	Plume Extent	YES
B208789	10/19/01	GW07789RG	BARIUM	REAL	TR1	81.7	UG/L	B	V1	0.43	1	2000	Plume Extent	YES
B208789	10/19/01	GW07789RG	BERYLLIUM	REAL	TR1	0.25	UG/L	U	V1	0.25	1	4	Plume Extent	YES
B208789	10/19/01	GW07789RG	CADMIUM	REAL	TR1	0.6	UG/L	B	UJ1	0.18	1	5	Plume Extent	YES
B208789	10/19/01	GW07789RG	CALCIUM	REAL	TR1	224000	UG/L		V1	45	1		Plume Extent	YES
B208789	10/19/01	GW07789RG	CHROMIUM	REAL	TR1	0.82	UG/L	B	J1	0.25	1	100	Plume Extent	YES
B208789	10/19/01	GW07789RG	COBALT	REAL	TR1	2.3	UG/L	U	V1	2.3	1	2190	Plume Extent	YES
B208789	10/19/01	GW07789RG	COPPER	REAL	TR1	3	UG/L		UJ1	0.55	1	1300	Plume Extent	YES
B208789	10/19/01	GW07789RG	IRON	REAL	TR1	16	UG/L	U	V1	16	1		Plume Extent	YES
B208789	10/19/01	GW07789RG	LEAD	REAL	TR1	1	UG/L	U	J1	1	1	15	Plume Extent	YES
B208789	10/19/01	GW07789RG	LITHIUM	REAL	TR1	19.4	UG/L	B	V1	4.1	1	730	Plume Extent	YES
B208789	10/19/01	GW07789RG	MAGNESIUM	REAL	TR1	62700	UG/L		V1	36	1		Plume Extent	YES
B208789	10/19/01	GW07789RG	MANGANESE	REAL	TR1	134	UG/L		V1	0.23	1	1720	Plume Extent	YES
B208789	10/19/01	GW07789RG	MERCURY	REAL	TR1	0.023	UG/L	U	V1	0.023	1	2	Plume Extent	YES
B208789	10/19/01	GW07789RG	MOLYBDENUM	REAL	TR1	1.2	UG/L	B	UJ1	0.63	1	183	Plume Extent	YES
B208789	10/19/01	GW07789RG	NICKEL	REAL	TR1	34.1	UG/L		V1	3.4	1	140	Plume Extent	YES
B208789	10/19/01	GW07789RG	POTASSIUM	REAL	TR1	827	UG/L	B	J1	700	1		Plume Extent	YES
B208789	10/19/01	GW07789RG	SELENIUM	REAL	TR1	2.4	UG/L	U	J1	2.4	1	50	Plume Extent	YES
B208789	10/19/01	GW07789RG	SILVER	REAL	TR1	0.23	UG/L	U	J1	0.23	1	183	Plume Extent	YES
B208789	10/19/01	GW07789RG	SODIUM	REAL	TR1	225000	UG/L		V1	3500	1		Plume Extent	YES
B208789	10/19/01	GW07789RG	STRONTIUM	REAL	TR1	1730	UG/L		V1	0.18	1	21900	Plume Extent	YES
B208789	10/19/01	GW07789RG	THALLIUM	REAL	TR1	3.7	UG/L	B	UJ1	2.1	1	2	Plume Extent	YES
B208789	10/19/01	GW07789RG	TIN	REAL	TR1	2.2	UG/L	U	V1	2.2	1	21900	Plume Extent	YES
B208789	10/19/01	GW07789RG	URANIUM, TOTAL	REAL	TR1	68	UG/L	U	V1	68	1		Plume Extent	YES
B208789	10/19/01	GW07789RG	VANADIUM	REAL	TR1	2.5	UG/L	U	V1	2.5	1	256	Plume Extent	YES
B208789	10/19/01	GW07789RG	ZINC	REAL	TR1	6.5	UG/L	U	V1	6.5	1	11000	Plume Extent	YES
BS-865-2	12/13/01	SW07911RG	ALUMINUM	REAL	TR1	12	UG/L	U	J1	12	1	36500	D&D Bldg 865	YES
BS-865-2	12/13/01	SW07911RG	ANTIMONY	REAL	TR1	1.4	UG/L	U	J1	1.4	1	6	D&D Bldg 865	YES
BS-865-2	12/13/01	SW07911RG	ARSENIC	REAL	TR1	2.2	UG/L	B	UJ1	1.7	1	50	D&D Bldg 865	YES
BS-865-2	12/13/01	SW07911RG	BARIUM	REAL	TR1	176	UG/L		V1	0.43	1	2000	D&D Bldg 865	YES
BS-865-2	12/13/01	SW07911RG	BERYLLIUM	REAL	TR1	0.25	UG/L	U	J1	0.25	1	4	D&D Bldg 865	YES
BS-865-2	12/13/01	SW07911RG	CADMIUM	REAL	TR1	0.18	UG/L	U	V1	0.18	1	5	D&D Bldg 865	YES
BS-865-2	12/13/01	SW07911RG	CALCIUM	REAL	TR1	57900	UG/L		V1	45	1		D&D Bldg 865	YES
BS-865-2	12/13/01	SW07911RG	CHROMIUM	REAL	TR1	0.32	UG/L	B	J1	0.26	1	100	D&D Bldg 865	YES
BS-865-2	12/13/01	SW07911RG	COBALT	REAL	TR1	2.3	UG/L	U	V1	2.3	1	2190	D&D Bldg 865	YES
BS-865-2	12/13/01	SW07911RG	COPPER	REAL	TR1	2.3	UG/L	B	UJ1	0.55	1	1300	D&D Bldg 865	YES
BS-865-2	12/13/01	SW07911RG	IRON	REAL	TR1	16	UG/L	U	V1	16	1		D&D Bldg 865	YES
BS-865-2	12/13/01	SW07911RG	LEAD	REAL	TR1	1	UG/L	U	V1	1	1	15	D&D Bldg 865	YES
BS-865-2	12/13/01	SW07911RG	LITHIUM	REAL	TR1	27.9	UG/L	B	V1	4.1	1	730	D&D Bldg 865	YES
BS-865-2	12/13/01	SW07911RG	MAGNESIUM	REAL	TR1	46600	UG/L		V1	36	1		D&D Bldg 865	YES
BS-865-2	12/13/01	SW07911RG	MANGANESE	REAL	TR1	0.63	UG/L	B	V1	0.23	1	1720	D&D Bldg 865	YES
BS-865-2	12/13/01	SW07911RG	MERCURY	REAL	TR1	0.023	UG/L	U	J1	0.023	1	2	D&D Bldg 865	YES
BS-865-2	12/13/01	SW07911RG	MOLYBDENUM	REAL	TR1	4.1	UG/L	B	V1	0.63	1	183	D&D Bldg 865	YES
BS-865-2	12/13/01	SW07911RG	NICKEL	REAL	TR1	3.4	UG/L	U	V1	3.4	1	140	D&D Bldg 865	YES
BS-865-2	12/13/01	SW07911RG	POTASSIUM	REAL	TR1	1170	UG/L	B	J1	700	1		D&D Bldg 865	YES
BS-865-2	12/13/01	SW07911RG	SELENIUM	REAL	TR1	2.4	UG/L	U	V1	2.4	1	50	D&D Bldg 865	YES
BS-865-2	12/13/01	SW07911RG	SILVER	REAL	TR1	0.23	UG/L	U	J1	0.23	1	183	D&D Bldg 865	YES
BS-865-2	12/13/01	SW07911RG	SODIUM	REAL	TR1	60400	UG/L		V1	3500	1		D&D Bldg 865	YES
BS-865-2	12/13/01	SW07911RG	STRONTIUM	REAL	TR1	919	UG/L		V1	0.18	1	21900	D&D Bldg 865	YES
BS-865-2	12/13/01	SW07911RG	THALLIUM	REAL	TR1	2.1	UG/L	U	J1	2.1	1	2	D&D Bldg 865	YES
BS-865-2	12/13/01	SW07911RG	TIN	REAL	TR1	2.2	UG/L	U	J1	2.2	1	21900	D&D Bldg 865	YES
BS-865-2	12/13/01	SW07911RG	URANIUM, TOTAL	REAL	TR1	68	UG/L	U	V1	68	1		D&D Bldg 865	YES

## Appendix A: Groundwater Analytical Data - Metals

Fourth Quarter 2001

Location	Sample Date	Sample #	Analyte	QC Type	Result Type	Result	Units	Lab Qual	Validation	Detect Limit	Dilution	Tier II	IMP Well Class	Filtered
BS-865-2	12/13/01	SW07911RG	VANADIUM	REAL	TR1	6.3	UG/L	B	V1	2.5	1	256	D&D Bldg 865	YES
BS-865-2	12/13/01	SW07911RG	ZINC	REAL	TR1	13.2	UG/L	B	J1	6.5	1	11000	D&D Bldg 865	YES
FD-559-561	12/13/01	SW07878RG	ALUMINUM	REAL	TR1	12	UG/L	U	J1	12	1	36500	D&D Bldg 559-561	YES
FD-559-561	12/13/01	SW07878RG	ANTIMONY	REAL	TR1	1.4	UG/L	U	J1	1.4	1	6	D&D Bldg 559-561	YES
FD-559-561	12/13/01	SW07878RG	ARSENIC	REAL	TR1	1.7	UG/L	U	V1	1.7	1	50	D&D Bldg 559-561	YES
FD-559-561	12/13/01	SW07878RG	BARIUM	REAL	TR1	187	UG/L	U	V1	0.43	1	2000	D&D Bldg 559-561	YES
FD-559-561	12/13/01	SW07878RG	BERYLLIUM	REAL	TR1	0.25	UG/L	U	J1	0.25	1	4	D&D Bldg 559-561	YES
FD-559-561	12/13/01	SW07878RG	CADMIUM	REAL	TR1	0.18	UG/L	U	V1	0.18	1	5	D&D Bldg 559-561	YES
FD-559-561	12/13/01	SW07878RG	CALCIUM	REAL	TR1	141000	UG/L	U	V1	45	1		D&D Bldg 559-561	YES
FD-559-561	12/13/01	SW07878RG	CHROMIUM	REAL	TR1	0.26	UG/L	U	J1	0.26	1	100	D&D Bldg 559-561	YES
FD-559-561	12/13/01	SW07878RG	COBALT	REAL	TR1	2.3	UG/L	U	V1	2.3	1	2190	D&D Bldg 559-561	YES
FD-559-561	12/13/01	SW07878RG	COPPER	REAL	TR1	2.2	UG/L	B	UJ1	0.55	1	1300	D&D Bldg 559-561	YES
FD-559-561	12/13/01	SW07878RG	IRON	REAL	TR1	47.6	UG/L	B	V1	16	1		D&D Bldg 559-561	YES
FD-559-561	12/13/01	SW07878RG	LEAD	REAL	TR1	1	UG/L	U	V1	1	1	15	D&D Bldg 559-561	YES
FD-559-561	12/13/01	SW07878RG	LITHIUM	REAL	TR1	9.4	UG/L	B	V1	4.1	1	730	D&D Bldg 559-561	YES
FD-559-561	12/13/01	SW07878RG	MAGNESIUM	REAL	TR1	21000	UG/L	U	V1	36	1		D&D Bldg 559-561	YES
FD-559-561	12/13/01	SW07878RG	MANGANESE	REAL	TR1	4.5	UG/L	B	V1	0.23	1	1720	D&D Bldg 559-561	YES
FD-559-561	12/13/01	SW07878RG	MERCURY	REAL	TR1	0.18	UG/L	U	V1	0.023	1	2	D&D Bldg 559-561	YES
FD-559-561	12/13/01	SW07878RG	MOLYBDENUM	REAL	TR1	0.63	UG/L	U	V1	0.63	1	183	D&D Bldg 559-561	YES
FD-559-561	12/13/01	SW07878RG	NICKEL	REAL	TR1	3.4	UG/L	U	V1	3.4	1	140	D&D Bldg 559-561	YES
FD-559-561	12/13/01	SW07878RG	POTASSIUM	REAL	TR1	1100	UG/L	B	J1	700	1		D&D Bldg 559-561	YES
FD-559-561	12/13/01	SW07878RG	SELENIUM	REAL	TR1	2.4	UG/L	U	V1	2.4	1	50	D&D Bldg 559-561	YES
FD-559-561	12/13/01	SW07878RG	SILVER	REAL	TR1	0.23	UG/L	U	J1	0.23	1	183	D&D Bldg 559-561	YES
FD-559-561	12/13/01	SW07878RG	SODIUM	REAL	TR1	35900	UG/L	U	V1	3500	1		D&D Bldg 559-561	YES
FD-559-561	12/13/01	SW07878RG	STRONTIUM	REAL	TR1	629	UG/L	U	V1	0.18	1	21900	D&D Bldg 559-561	YES
FD-559-561	12/13/01	SW07878RG	THALLIUM	REAL	TR1	2.1	UG/L	U	J1	2.1	1	2	D&D Bldg 559-561	YES
FD-559-561	12/13/01	SW07878RG	TIN	REAL	TR1	2.2	UG/L	U	J1	2.2	1	21900	D&D Bldg 559-561	YES
FD-559-561	12/13/01	SW07878RG	URANIUM, TOTAL	REAL	TR1	68	UG/L	U	V1	68	1		D&D Bldg 559-561	YES
FD-559-561	12/13/01	SW07878RG	VANADIUM	REAL	TR1	2.5	UG/L	U	V1	2.5	1	256	D&D Bldg 559-561	YES
FD-559-561	12/13/01	SW07878RG	ZINC	REAL	TR1	73.3	UG/L	U	V1	6.5	1	11000	D&D Bldg 559-561	YES
P209489	10/8/01	GW07791RG	ALUMINUM	REAL	TR1	12	UG/L	U	V1	12	1	36500	Plume Definition	YES
P209489	10/8/01	GW07791RG	ANTIMONY	REAL	TR1	1.4	UG/L	U	J1	1.4	1	6	Plume Definition	YES
P209489	10/8/01	GW07791RG	ARSENIC	REAL	TR1	1.7	UG/L	U	J1	1.7	1	50	Plume Definition	YES
P209489	10/8/01	GW07791RG	BARIUM	REAL	TR1	91.1	UG/L	B	V1	0.43	1	2000	Plume Definition	YES
P209489	10/8/01	GW07791RG	BERYLLIUM	REAL	TR1	0.25	UG/L	U	V1	0.25	1	4	Plume Definition	YES
P209489	10/8/01	GW07791RG	CADMIUM	REAL	TR1	0.22	UG/L	B	V1	0.18	1	5	Plume Definition	YES
P209489	10/8/01	GW07791RG	CALCIUM	REAL	TR1	175000	UG/L	U	V1	45	1		Plume Definition	YES
P209489	10/8/01	GW07791RG	CHROMIUM	REAL	TR1	0.26	UG/L	U	V1	0.26	1	100	Plume Definition	YES
P209489	10/8/01	GW07791RG	COBALT	REAL	TR1	2.3	UG/L	U	V1	2.3	1	2190	Plume Definition	YES
P209489	10/8/01	GW07791RG	COPPER	REAL	TR1	1.5	UG/L	B	UJ1	0.55	1	1300	Plume Definition	YES
P209489	10/8/01	GW07791RG	IRON	REAL	TR1	16	UG/L	U	V1	16	1		Plume Definition	YES
P209489	10/8/01	GW07791RG	LEAD	REAL	TR1	1	UG/L	U	V1	1	1	15	Plume Definition	YES
P209489	10/8/01	GW07791RG	LITHIUM	REAL	TR1	94.8	UG/L	B	J1	4.1	1	730	Plume Definition	YES
P209489	10/8/01	GW07791RG	MAGNESIUM	REAL	TR1	29800	UG/L	U	V1	36	1		Plume Definition	YES
P209489	10/8/01	GW07791RG	MANGANESE	REAL	TR1	1.7	UG/L	B	UJ1	0.23	1	1720	Plume Definition	YES
P209489	10/8/01	GW07791RG	MERCURY	REAL	TR1	0.023	UG/L	U	V1	0.023	1	2	Plume Definition	YES
P209489	10/8/01	GW07791RG	MOLYBDENUM	REAL	TR1	0.82	UG/L	B	V1	0.63	1	183	Plume Definition	YES
P209489	10/8/01	GW07791RG	NICKEL	REAL	TR1	6.9	UG/L	B	V1	3.4	1	140	Plume Definition	YES
P209489	10/8/01	GW07791RG	POTASSIUM	REAL	TR1	29200	UG/L	U	V1	700	1		Plume Definition	YES
P209489	10/8/01	GW07791RG	SELENIUM	REAL	TR1	2.4	UG/L	U	V1	2.4	1	50	Plume Definition	YES
P209489	10/8/01	GW07791RG	SILVER	REAL	TR1	0.23	UG/L	U	J1	0.23	1	183	Plume Definition	YES
P209489	10/8/01	GW07791RG	SODIUM	REAL	TR1	274000	UG/L	U	V1	3500	1		Plume Definition	YES
P209489	10/8/01	GW07791RG	STRONTIUM	REAL	TR1	759	UG/L	U	V1	0.18	1	21900	Plume Definition	YES
P209489	10/8/01	GW07791RG	THALLIUM	REAL	TR1	3.4	UG/L	B	UJ1	2.1	1	2	Plume Definition	YES
P209489	10/8/01	GW07791RG	TIN	REAL	TR1	2.2	UG/L	U	V1	2.2	1	21900	Plume Definition	YES
P209489	10/8/01	GW07791RG	URANIUM, TOTAL	REAL	TR1	68	UG/L	U	V1	68	1		Plume Definition	YES
P209489	10/8/01	GW07791RG	VANADIUM	REAL	TR1	2.5	UG/L	U	V1	2.5	1	256	Plume Definition	YES

Location	Sample Date	Sample #	Analyte	QC Type	Result Type	Result	Units	Lab Qual	Validation	Detect Limit	Dilution	Tier II	IMP Well Class	Filtered
P209489	10/8/01	GW07791RG	ZINC	REAL	TR1	6.5	UG/L	U	V1	6.5	1	11000	Plume Definition	YES
P218089	10/22/01	GW07841RG	ALUMINUM	REAL	TR1	23	UG/L		V1	12	1	36500	D&D Bldg 707	YES
P218089	10/22/01	GW07841RG	ANTIMONY	REAL	TR1	1.4	UG/L	U	J1	1.4	1	6	D&D Bldg 707	YES
P218089	10/22/01	GW07841RG	ARSENIC	REAL	TR1	1.7	UG/L	U	V1	1.7	1	50	D&D Bldg 707	YES
P218089	10/22/01	GW07841RG	BARIUM	REAL	TR1	50	UG/L	B	V1	0.43	1	2000	D&D Bldg 707	YES
P218089	10/22/01	GW07841RG	BERYLLIUM	REAL	TR1	0.25	UG/L	U	V1	0.25	1	4	D&D Bldg 707	YES
P218089	10/22/01	GW07841RG	CADMIUM	REAL	TR1	0.18	UG/L	U	V1	0.18	1	5	D&D Bldg 707	YES
P218089	10/22/01	GW07841RG	CALCIUM	REAL	TR1	31700	UG/L		V1	45	1		D&D Bldg 707	YES
P218089	10/22/01	GW07841RG	CHROMIUM	REAL	TR1	0.25	UG/L	U	J1	0.25	1	100	D&D Bldg 707	YES
P218089	10/22/01	GW07841RG	COBALT	REAL	TR1	2.3	UG/L	U	V1	2.3	1	2190	D&D Bldg 707	YES
P218089	10/22/01	GW07841RG	COPPER	REAL	TR1	1.4	UG/L	B	UJ1	0.55	1	1300	D&D Bldg 707	YES
P218089	10/22/01	GW07841RG	IRON	REAL	TR1	16	UG/L	U	V1	16	1		D&D Bldg 707	YES
P218089	10/22/01	GW07841RG	LEAD	REAL	TR1	1	UG/L	U	J1	1	1	15	D&D Bldg 707	YES
P218089	10/22/01	GW07841RG	LITHIUM	REAL	TR1	18.8	UG/L	B	V1	4.1	1	730	D&D Bldg 707	YES
P218089	10/22/01	GW07841RG	MAGNESIUM	REAL	TR1	25800	UG/L		V1	36	1		D&D Bldg 707	YES
P218089	10/22/01	GW07841RG	MANGANESE	REAL	TR1	0.68	UG/L	B	UJ1	0.23	1	1720	D&D Bldg 707	YES
P218089	10/22/01	GW07841RG	MERCURY	REAL	TR1	0.023	UG/L	U	V1	0.023	1	2	D&D Bldg 707	YES
P218089	10/22/01	GW07841RG	MOLYBDENUM	REAL	TR1	8.9	UG/L	B	V1	0.63	1	183	D&D Bldg 707	YES
P218089	10/22/01	GW07841RG	NICKEL	REAL	TR1	3.4	UG/L	U	V1	3.4	1	140	D&D Bldg 707	YES
P218089	10/22/01	GW07841RG	POTASSIUM	REAL	TR1	700	UG/L	U	J1	700	1		D&D Bldg 707	YES
P218089	10/22/01	GW07841RG	SELENIUM	REAL	TR1	4.8	UG/L		J1	2.4	1	50	D&D Bldg 707	YES
P218089	10/22/01	GW07841RG	SILVER	REAL	TR1	0.23	UG/L	U	J1	0.23	1	183	D&D Bldg 707	YES
P218089	10/22/01	GW07841RG	SODIUM	REAL	TR1	97400	UG/L		V1	3500	1		D&D Bldg 707	YES
P218089	10/22/01	GW07841RG	STRONTIUM	REAL	TR1	603	UG/L		V1	0.18	1	21900	D&D Bldg 707	YES
P218089	10/22/01	GW07841RG	THALLIUM	REAL	TR1	4.5	UG/L		UJ1	2.1	1	2	D&D Bldg 707	YES
P218089	10/22/01	GW07841RG	TIN	REAL	TR1	2.2	UG/L	U	V1	2.2	1	21900	D&D Bldg 707	YES
P218089	10/22/01	GW07841RG	URANIUM, TOTAL	REAL	TR1	68	UG/L	U	V1	68	1		D&D Bldg 707	YES
P218089	10/22/01	GW07841RG	VANADIUM	REAL	TR1	3.8	UG/L	B	V1	2.5	1	256	D&D Bldg 707	YES
P218089	10/22/01	GW07841RG	ZINC	REAL	TR1	6.5	UG/L	U	V1	6.5	1	11000	D&D Bldg 707	YES
P219089	10/30/01	GW07839RG	ALUMINUM	REAL	TR1	12	UG/L	U	V1	12	1	36500	D&D Bldg 771	YES
P219089	10/30/01	GW07839RG	ANTIMONY	REAL	TR1	1.4	UG/L	U	J1	1.4	1	6	D&D Bldg 771	YES
P219089	10/30/01	GW07839RG	ARSENIC	REAL	TR1	1.7	UG/L	U	J1	1.7	1	50	D&D Bldg 771	YES
P219089	10/30/01	GW07839RG	BARIUM	REAL	TR1	158	UG/L		J1	0.43	1	2000	D&D Bldg 771	YES
P219089	10/30/01	GW07839RG	BERYLLIUM	REAL	TR1	0.25	UG/L	U	V1	0.25	1	4	D&D Bldg 771	YES
P219089	10/30/01	GW07839RG	CADMIUM	REAL	TR1	0.18	UG/L	U	V1	0.18	1	5	D&D Bldg 771	YES
P219089	10/30/01	GW07839RG	CALCIUM	REAL	TR1	70700	UG/L		V1	45	1		D&D Bldg 771	YES
P219089	10/30/01	GW07839RG	CHROMIUM	REAL	TR1	1.6	UG/L	B	V1	0.26	1	100	D&D Bldg 771	YES
P219089	10/30/01	GW07839RG	COBALT	REAL	TR1	2.3	UG/L	U	V1	2.3	1	2190	D&D Bldg 771	YES
P219089	10/30/01	GW07839RG	COPPER	REAL	TR1	2.5	UG/L	B	V1	0.55	1	1300	D&D Bldg 771	YES
P219089	10/30/01	GW07839RG	IRON	REAL	TR1	16	UG/L	U	V1	16	1		D&D Bldg 771	YES
P219089	10/30/01	GW07839RG	LEAD	REAL	TR1	1	UG/L	U	V1	1	1	15	D&D Bldg 771	YES
P219089	10/30/01	GW07839RG	LITHIUM	REAL	TR1	74.6	UG/L	B	V1	4.1	1	730	D&D Bldg 771	YES
P219089	10/30/01	GW07839RG	MAGNESIUM	REAL	TR1	20400	UG/L		V1	36	1		D&D Bldg 771	YES
P219089	10/30/01	GW07839RG	MANGANESE	REAL	TR1	0.68	UG/L	B	UJ1	0.23	1	1720	D&D Bldg 771	YES
P219089	10/30/01	GW07839RG	MERCURY	REAL	TR1	0.023	UG/L	U	V1	0.023	1	2	D&D Bldg 771	YES
P219089	10/30/01	GW07839RG	MOLYBDENUM	REAL	TR1	4	UG/L	B	V1	0.63	1	183	D&D Bldg 771	YES
P219089	10/30/01	GW07839RG	NICKEL	REAL	TR1	3.7	UG/L	B	V1	3.4	1	140	D&D Bldg 771	YES
P219089	10/30/01	GW07839RG	POTASSIUM	REAL	TR1	1020	UG/L	B	J1	700	1		D&D Bldg 771	YES
P219089	10/30/01	GW07839RG	SELENIUM	REAL	TR1	4.8	UG/L		J1	2.4	1	50	D&D Bldg 771	YES
P219089	10/30/01	GW07839RG	SILVER	REAL	TR1	0.23	UG/L	U	V1	0.23	1	183	D&D Bldg 771	YES
P219089	10/30/01	GW07839RG	SODIUM	REAL	TR1	101000	UG/L		V1	3500	1		D&D Bldg 771	YES
P219089	10/30/01	GW07839RG	STRONTIUM	REAL	TR1	613	UG/L		V1	0.18	1	21900	D&D Bldg 771	YES
P219089	10/30/01	GW07839RG	THALLIUM	REAL	TR1	2.7	UG/L	B	UJ1	2.1	1	2	D&D Bldg 771	YES
P219089	10/30/01	GW07839RG	TIN	REAL	TR1	2.2	UG/L	U	J1	2.2	1	21900	D&D Bldg 771	YES
P219089	10/30/01	GW07839RG	URANIUM, TOTAL	REAL	TR1	68	UG/L	U	V1	68	1		D&D Bldg 771	YES
P219089	10/30/01	GW07839RG	VANADIUM	REAL	TR1	2.5	UG/L	U	V1	2.5	1	256	D&D Bldg 771	YES
P219089	10/30/01	GW07839RG	ZINC	REAL	TR1	6.5	UG/L	U	V1	6.5	1	11000	D&D Bldg 771	YES



## Appendix A: Groundwater Analytical Data - Metals

Fourth Quarter 2001

Location	Sample Date	Sample #	Analyte	QC Type	Result Type	Result	Units	Lab Qual	Validation	Detect Limit	Dilution	Tier II	IMP Well Class	Filtered
P219489	11/5/01	GW07794RG	ALUMINUM	REAL	TR1	12	UG/L	U	V	12	1	36500	Plume Extent	YES
P219489	11/5/01	GW07794RG	ANTIMONY	REAL	TR1	1.4	UG/L	U	J	1.4	1	6	Plume Extent	YES
P219489	11/5/01	GW07794RG	ARSENIC	REAL	TR1	1.7	UG/L	U	J	1.7	1	50	Plume Extent	YES
P219489	11/5/01	GW07794RG	BARIUM	REAL	TR1	107	UG/L		V	0.43	1	2000	Plume Extent	YES
P219489	11/5/01	GW07794RG	BERYLLIUM	REAL	TR1	0.25	UG/L	U	V	0.25	1	4	Plume Extent	YES
P219489	11/5/01	GW07794RG	CADMIUM	REAL	TR1	0.52	UG/L	B	V	0.18	1	5	Plume Extent	YES
P219489	11/5/01	GW07794RG	CALCIUM	REAL	TR1	82700	UG/L		V	45	1		Plume Extent	YES
P219489	11/5/01	GW07794RG	CHROMIUM	REAL	TR1	1.1	UG/L	B	V	0.26	1	100	Plume Extent	YES
P219489	11/5/01	GW07794RG	COBALT	REAL	TR1	2.3	UG/L	U	V	2.3	1	2190	Plume Extent	YES
P219489	11/5/01	GW07794RG	COPPER	REAL	TR1	1.8	UG/L	B	UJ	0.55	1	1300	Plume Extent	YES
P219489	11/5/01	GW07794RG	IRON	REAL	TR1	16	UG/L	U	V	16	1		Plume Extent	YES
P219489	11/5/01	GW07794RG	LEAD	REAL	TR1	1	UG/L	U	J	1	1	15	Plume Extent	YES
P219489	11/5/01	GW07794RG	LITHIUM	REAL	TR1	23.5	UG/L	B	V	4.1	1	730	Plume Extent	YES
P219489	11/5/01	GW07794RG	MAGNESIUM	REAL	TR1	16600	UG/L		V	36	1		Plume Extent	YES
P219489	11/5/01	GW07794RG	MANGANESE	REAL	TR1	0.5	UG/L	B	V	0.23	1	1720	Plume Extent	YES
P219489	11/5/01	GW07794RG	MERCURY	REAL	TR1	0.023	UG/L	U	V	0.023	1	2	Plume Extent	YES
P219489	11/5/01	GW07794RG	MOLYBDENUM	REAL	TR1	5.2	UG/L	B	V	0.63	1	183	Plume Extent	YES
P219489	11/5/01	GW07794RG	NICKEL	REAL	TR1	3.4	UG/L	U	V	3.4	1	140	Plume Extent	YES
P219489	11/5/01	GW07794RG	POTASSIUM	REAL	TR1	1650	UG/L	B	V	700	1		Plume Extent	YES
P219489	11/5/01	GW07794RG	SELENIUM	REAL	TR1	5.6	UG/L		J	2.4	1	50	Plume Extent	YES
P219489	11/5/01	GW07794RG	SILVER	REAL	TR1	0.23	UG/L	U	J	0.23	1	183	Plume Extent	YES
P219489	11/5/01	GW07794RG	SODIUM	REAL	TR1	33300	UG/L		V	3500	1		Plume Extent	YES
P219489	11/5/01	GW07794RG	STRONTIUM	REAL	TR1	492	UG/L		V	0.18	1	21900	Plume Extent	YES
P219489	11/5/01	GW07794RG	THALLIUM	REAL	TR1	2.1	UG/L	U	V	2.1	1	2	Plume Extent	YES
P219489	11/5/01	GW07794RG	TIN	REAL	TR1	2.2	UG/L	U	J	2.2	1	21900	Plume Extent	YES
P219489	11/5/01	GW07794RG	URANIUM, TOTAL	REAL	TR1	68	UG/L	U	V	68	1		Plume Extent	YES
P219489	11/5/01	GW07794RG	VANADIUM	REAL	TR1	2.5	UG/L	U	V	2.5	1	256	Plume Extent	YES
P219489	11/5/01	GW07794RG	ZINC	REAL	TR1	6.5	UG/L	U	V	6.5	1	11000	Plume Extent	YES
P416689	12/12/01	GW07795RG	ALUMINUM	REAL	TR1	12	UG/L	U	J1	12	1	36500	Plume Extent	YES
P416689	12/12/01	GW07795RG	ANTIMONY	REAL	TR1	1.4	UG/L	U	J1	1.4	1	6	Plume Extent	YES
P416689	12/12/01	GW07795RG	ARSENIC	REAL	TR1	1.7	UG/L	U	V1	1.7	1	50	Plume Extent	YES
P416689	12/12/01	GW07795RG	BARIUM	REAL	TR1	131	UG/L		V1	0.43	1	2000	Plume Extent	YES
P416689	12/12/01	GW07795RG	BERYLLIUM	REAL	TR1	0.25	UG/L	U	J1	0.25	1	4	Plume Extent	YES
P416689	12/12/01	GW07795RG	CADMIUM	REAL	TR1	0.75	UG/L	B	V1	0.18	1	5	Plume Extent	YES
P416689	12/12/01	GW07795RG	CALCIUM	REAL	TR1	94300	UG/L		V1	45	1		Plume Extent	YES
P416689	12/12/01	GW07795RG	CHROMIUM	REAL	TR1	3.6	UG/L		J1	0.26	1	100	Plume Extent	YES
P416689	12/12/01	GW07795RG	COBALT	REAL	TR1	2.3	UG/L	U	V1	2.3	1	2190	Plume Extent	YES
P416689	12/12/01	GW07795RG	COPPER	REAL	TR1	2.1	UG/L	B	UJ1	0.55	1	1300	Plume Extent	YES
P416689	12/12/01	GW07795RG	IRON	REAL	TR1	25.8	UG/L	B	V1	16	1		Plume Extent	YES
P416689	12/12/01	GW07795RG	LEAD	REAL	TR1	1	UG/L	U	V1	1	1	15	Plume Extent	YES
P416689	12/12/01	GW07795RG	LITHIUM	REAL	TR1	9.1	UG/L	B	V1	4.1	1	730	Plume Extent	YES
P416689	12/12/01	GW07795RG	MAGNESIUM	REAL	TR1	15800	UG/L		V1	36	1		Plume Extent	YES
P416689	12/12/01	GW07795RG	MANGANESE	REAL	TR1	12	UG/L	B	V1	0.23	1	1720	Plume Extent	YES
P416689	12/12/01	GW07795RG	MERCURY	REAL	TR1	0.023	UG/L	U	J1	0.023	1	2	Plume Extent	YES
P416689	12/12/01	GW07795RG	MOLYBDENUM	REAL	TR1	5.3	UG/L	B	V1	0.63	1	183	Plume Extent	YES
P416689	12/12/01	GW07795RG	NICKEL	REAL	TR1	96	UG/L		V1	3.4	1	140	Plume Extent	YES
P416689	12/12/01	GW07795RG	POTASSIUM	REAL	TR1	1380	UG/L	B	J1	700	1		Plume Extent	YES
P416689	12/12/01	GW07795RG	SELENIUM	REAL	TR1	2.4	UG/L	U	V1	2.4	1	50	Plume Extent	YES
P416689	12/12/01	GW07795RG	SILVER	REAL	TR1	0.23	UG/L	U	J1	0.23	1	183	Plume Extent	YES
P416689	12/12/01	GW07795RG	SODIUM	REAL	TR1	37900	UG/L		V1	3500	1		Plume Extent	YES
P416689	12/12/01	GW07795RG	STRONTIUM	REAL	TR1	500	UG/L		V1	0.18	1	21900	Plume Extent	YES
P416689	12/12/01	GW07795RG	THALLIUM	REAL	TR1	2.1	UG/L	U	J1	2.1	1	2	Plume Extent	YES
P416689	12/12/01	GW07795RG	TIN	REAL	TR1	2.2	UG/L	U	J1	2.2	1	21900	Plume Extent	YES
P416689	12/12/01	GW07795RG	URANIUM, TOTAL	REAL	TR1	68	UG/L	U	V1	68	1		Plume Extent	YES
P416689	12/12/01	GW07795RG	VANADIUM	REAL	TR1	2.5	UG/L	U	V1	2.5	1	256	Plume Extent	YES
P416689	12/12/01	GW07795RG	ZINC	REAL	TR1	6.6	UG/L	B	J1	6.5	1	11000	Plume Extent	YES
P416689	11/13/01	GW07797RG	ALUMINUM	REAL	TR1	12	UG/L	U	J1	12	1	36500	Plume Definition	NO

## Appendix A: Groundwater Analytical Data - Metals

Fourth Quarter 2001

Location	Sample Date	Sample #	Analyte	QC Type	Result Type	Result	Units	Lab Qual	Validation	Detect Limit	Dilution	Tier II	IMP Well Class	Filtered
P416889	11/13/01	GW07797RG	ANTIMONY	REAL	TR1	1.4	UG/L	U	J1	1.4	1	6	Plume Definition	NO
P416889	11/13/01	GW07797RG	ARSENIC	REAL	TR1	1.7	UG/L	U	J1	1.7	1	50	Plume Definition	NO
P416889	11/13/01	GW07797RG	BARIUM	REAL	TR1	175	UG/L		V1	0.43	1	2000	Plume Definition	NO
P416889	11/13/01	GW07797RG	BERYLLIUM	REAL	TR1	0.25	UG/L	U	V1	0.25	1	4	Plume Definition	NO
P416889	11/13/01	GW07797RG	CADMIUM	REAL	TR1	0.18	UG/L	U	J1	0.18	1	5	Plume Definition	NO
P416889	11/13/01	GW07797RG	CALCIUM	REAL	TR1	90400	UG/L		V1	45	1		Plume Definition	NO
P416889	11/13/01	GW07797RG	CHROMIUM	REAL	TR1	36.5	UG/L		V1	0.26	1	100	Plume Definition	NO
P416889	11/13/01	GW07797RG	COBALT	REAL	TR1	2.3	UG/L	U	V1	2.3	1	2190	Plume Definition	NO
P416889	11/13/01	GW07797RG	COPPER	REAL	TR1	0.64	UG/L	B	J1	0.55	1	1300	Plume Definition	NO
P416889	11/13/01	GW07797RG	IRON	REAL	TR1	16	UG/L	U	V1	16	1		Plume Definition	NO
P416889	11/13/01	GW07797RG	LEAD	REAL	TR1	1	UG/L	U	J1	1	1	15	Plume Definition	NO
P416889	11/13/01	GW07797RG	LITHIUM	REAL	TR1	7.4	UG/L	B	V1	4.1	1	730	Plume Definition	NO
P416889	11/13/01	GW07797RG	MAGNESIUM	REAL	TR1	12100	UG/L		V1	36	1		Plume Definition	NO
P416889	11/13/01	GW07797RG	MANGANESE	REAL	TR1	1.2	UG/L	B	V1	0.23	1	1720	Plume Definition	NO
P416889	11/13/01	GW07797RG	MERCURY	REAL	TR1	0.023	UG/L	U	J1	0.023	1	2	Plume Definition	NO
P416889	11/13/01	GW07797RG	MOLYBDENUM	REAL	TR1	0.91	UG/L	B	J1	0.63	1	183	Plume Definition	NO
P416889	11/13/01	GW07797RG	NICKEL	REAL	TR1	3.4	UG/L	U	V1	3.4	1	140	Plume Definition	NO
P416889	11/13/01	GW07797RG	POTASSIUM	REAL	TR1	999	UG/L	B	J1	700	1		Plume Definition	NO
P416889	11/13/01	GW07797RG	SELENIUM	REAL	TR1	2.7	UG/L	B	V1	2.4	1	50	Plume Definition	NO
P416889	11/13/01	GW07797RG	SILVER	REAL	TR1	0.23	UG/L	U	V1	0.23	1	183	Plume Definition	NO
P416889	11/13/01	GW07797RG	SODIUM	REAL	TR1	14400	UG/L		V1	3500	1		Plume Definition	NO
P416889	11/13/01	GW07797RG	STRONTIUM	REAL	TR1	402	UG/L		V1	0.18	1	21900	Plume Definition	NO
P416889	11/13/01	GW07797RG	THALLIUM	REAL	TR1	2.1	UG/L	U	J1	2.1	1	2	Plume Definition	NO
P416889	11/13/01	GW07797RG	TIN	REAL	TR1	2.5	UG/L	B	UJ1	2.2	1	21900	Plume Definition	NO
P416889	11/13/01	GW07797RG	URANIUM, TOTAL	REAL	TR1	68	UG/L	U	V1	68	1		Plume Definition	NO
P416889	11/13/01	GW07797RG	VANADIUM	REAL	TR1	2.5	UG/L	U	V1	2.5	1	256	Plume Definition	NO
P416889	11/13/01	GW07797RG	ZINC	REAL	TR1	6.5	UG/L	U	V1	6.5	1	11000	Plume Definition	NO
SW13494	12/12/01	SW07890RG	ALUMINUM	REAL	TR1	12	UG/L	U	J1	12	1	36500	Perf Monitoring	YES
SW13494	12/12/01	SW07890RG	ANTIMONY	REAL	TR1	1.4	UG/L	U	J1	1.4	1	6	Perf Monitoring	YES
SW13494	12/12/01	SW07890RG	ARSENIC	REAL	TR1	1.7	UG/L	U	V1	1.7	1	50	Perf Monitoring	YES
SW13494	12/12/01	SW07890RG	BARIUM	REAL	TR1	214	UG/L		V1	0.43	1	2000	Perf Monitoring	YES
SW13494	12/12/01	SW07890RG	BERYLLIUM	REAL	TR1	0.25	UG/L	U	J1	0.25	1	4	Perf Monitoring	YES
SW13494	12/12/01	SW07890RG	CADMIUM	REAL	TR1	0.18	UG/L	U	V1	0.18	1	5	Perf Monitoring	YES
SW13494	12/12/01	SW07890RG	CALCIUM	REAL	TR1	120000	UG/L		V1	45	1		Perf Monitoring	YES
SW13494	12/12/01	SW07890RG	CHROMIUM	REAL	TR1	0.26	UG/L	U	J1	0.26	1	100	Perf Monitoring	YES
SW13494	12/12/01	SW07890RG	COBALT	REAL	TR1	2.3	UG/L	U	V1	2.3	1	2190	Perf Monitoring	YES
SW13494	12/12/01	SW07890RG	COPPER	REAL	TR1	1.5	UG/L	B	UJ1	0.55	1	1300	Perf Monitoring	YES
SW13494	12/12/01	SW07890RG	IRON	REAL	TR1	16	UG/L	U	V1	16	1		Perf Monitoring	YES
SW13494	12/12/01	SW07890RG	LEAD	REAL	TR1	1	UG/L	U	V1	1	1	15	Perf Monitoring	YES
SW13494	12/12/01	SW07890RG	LITHIUM	REAL	TR1	15	UG/L	B	V1	4.1	1	730	Perf Monitoring	YES
SW13494	12/12/01	SW07890RG	MAGNESIUM	REAL	TR1	26900	UG/L		V1	36	1		Perf Monitoring	YES
SW13494	12/12/01	SW07890RG	MANGANESE	REAL	TR1	2.1	UG/L	B	V1	0.23	1	1720	Perf Monitoring	YES
SW13494	12/12/01	SW07890RG	MERCURY	REAL	TR1	0.023	UG/L	U	J1	0.023	1	2	Perf Monitoring	YES
SW13494	12/12/01	SW07890RG	MOLYBDENUM	REAL	TR1	1.9	UG/L	B	V1	0.63	1	183	Perf Monitoring	YES
SW13494	12/12/01	SW07890RG	NICKEL	REAL	TR1	3.4	UG/L	U	V1	3.4	1	140	Perf Monitoring	YES
SW13494	12/12/01	SW07890RG	POTASSIUM	REAL	TR1	2790	UG/L	B	J1	700	1		Perf Monitoring	YES
SW13494	12/12/01	SW07890RG	SELENIUM	REAL	TR1	3.5	UG/L		V1	2.4	1	50	Perf Monitoring	YES
SW13494	12/12/01	SW07890RG	SILVER	REAL	TR1	0.23	UG/L	U	J1	0.23	1	183	Perf Monitoring	YES
SW13494	12/12/01	SW07890RG	SODIUM	REAL	TR1	62100	UG/L		V1	3500	1		Perf Monitoring	YES
SW13494	12/12/01	SW07890RG	STRONTIUM	REAL	TR1	831	UG/L		V1	0.18	1	21900	Perf Monitoring	YES
SW13494	12/12/01	SW07890RG	THALLIUM	REAL	TR1	2.1	UG/L	U	J1	2.1	1	2	Perf Monitoring	YES
SW13494	12/12/01	SW07890RG	TIN	REAL	TR1	2.2	UG/L	U	J1	2.2	1	21900	Perf Monitoring	YES
SW13494	12/12/01	SW07890RG	URANIUM, TOTAL	REAL	TR1	68	UG/L	U	V1	68	1		Perf Monitoring	YES
SW13494	12/12/01	SW07890RG	VANADIUM	REAL	TR1	2.5	UG/L	U	V1	2.5	1	256	Perf Monitoring	YES
SW13494	12/12/01	SW07890RG	ZINC	REAL	TR1	61	UG/L		V1	6.5	1	11000	Perf Monitoring	YES

Location	Sample Date	Sample #	Analyte	QC Type	Result Type	Result	Sigma Error	Units	Lab Qual	Valid- ation	Detect Limit	Tier II	Well Class	Filtered
00100	11/15/01	GW07855RG	AMERICIUM-241	REAL	TR1	0.0653	0.0267	PCI/L		V	0.0259	0.145	D&D Bldg 779	NO
00100	11/15/01	GW07856RG	AMERICIUM-241	DUP	TR1	0.0569	0.0315	PCI/L		V	0.0432	0.145	D&D Bldg 779	NO
00100	11/15/01	GW07857RG	AMERICIUM-241	RNS	TR1	0.0114	0.0119	PCI/L	U	V	0.0175	0.145	D&D Bldg 779	NO
00100	11/15/01	GW07855RG	PLUTONIUM-239/240	REAL	TR1	0.0501	0.0262	PCI/L		V	0.034	0.151	D&D Bldg 779	NO
00100	11/15/01	GW07856RG	PLUTONIUM-239/240	DUP	TR1	0.0404	0.0177	PCI/L		V	0.0134	0.151	D&D Bldg 779	NO
00100	11/15/01	GW07857RG	PLUTONIUM-239/240	RNS	TR1	0.0107	0.0111	PCI/L	U	V	0.0163	0.151	D&D Bldg 779	NO
00100	11/15/01	GW07855RG	URANIUM-233,-234	REAL	TR1	2.3	0.676	PCI/L		V	0.329	1.06	D&D Bldg 779	YES
00100	11/15/01	GW07856RG	URANIUM-233,-234	DUP	TR1	1.92	0.559	PCI/L		V	0.207	1.06	D&D Bldg 779	YES
00100	11/15/01	GW07857RG	URANIUM-233,-234	RNS	TR1	0.0478	0.0767	PCI/L	U	V	0.143	1.06	D&D Bldg 779	YES
00100	11/15/01	GW07855RG	URANIUM-235	REAL	TR1	0.0629	0.125	PCI/L	U	V	0.283	1.01	D&D Bldg 779	YES
00100	11/15/01	GW07856RG	URANIUM-235	DUP	TR1	0.158	0.148	PCI/L	U	V	0.208	1.01	D&D Bldg 779	YES
00100	11/15/01	GW07857RG	URANIUM-235	RNS	TR1	0.0272	0.0536	PCI/L	U	V	0.0817	1.01	D&D Bldg 779	YES
00100	11/15/01	GW07855RG	URANIUM-238	REAL	TR1	0.907	0.385	PCI/L	J	V	0.263	0.768	D&D Bldg 779	YES
00100	11/15/01	GW07856RG	URANIUM-238	DUP	TR1	1.08	0.394	PCI/L		V	0.207	0.768	D&D Bldg 779	YES
00100	11/15/01	GW07857RG	URANIUM-238	RNS	TR1	0.0076	0.0577	PCI/L	U	V	0.189	0.768	D&D Bldg 779	YES
00200	11/12/01	GW07842RG	AMERICIUM-241	REAL	TR1	0.00864	0.0104	PCI/L	U	V	0.0165	0.145	D&D Bldg 707	
00200	11/12/01	GW07842RG	NEPTUNIUM-237	REAL	TR1	-0.0587	0.036	PCI/L	U	V	0.35		D&D Bldg 707	
00200	11/12/01	GW07842RG	PLUTONIUM-239/240	REAL	TR1	0.00345	0.0117	PCI/L	U	V	0.0231	0.151	D&D Bldg 707	
00200	10/18/01	GW07842RG	URANIUM-233,-234	REAL	TR1	0.0343	0.141	PCI/L	U	V1	0.358	1.06	D&D Bldg 707	YES
00200	10/18/01	GW07842RG	URANIUM-235	REAL	TR1	0.032	0.108	PCI/L	U	V1	0.28	1.01	D&D Bldg 707	YES
00200	10/18/01	GW07842RG	URANIUM-238	REAL	TR1	0.0911	0.136	PCI/L	U	V1	0.279	0.768	D&D Bldg 707	YES
00300	11/16/01	GW07843RG	AMERICIUM-241	REAL	TR1	0.0162	0.015	PCI/L	U	V1	0.0206	0.145	D&D Bldg 707	NO
00300	11/16/01	GW07843RG	NEPTUNIUM-237	REAL	TR1	0.193	0.145	PCI/L	J	V1	0.162		D&D Bldg 707	NO
00300	11/16/01	GW07843RG	PLUTONIUM-239/240	REAL	TR1	0.0191	0.012	PCI/L	J	V1	0.0057	0.151	D&D Bldg 707	NO
00300	11/6/01	GW07843RG	URANIUM-233,-234	REAL	TR1	23.9	4.23	PCI/L		V1	0.359	1.06	D&D Bldg 707	NO
00300	11/6/01	GW07843RG	URANIUM-235	REAL	TR1	0.965	0.393	PCI/L	J	V1	0.237	1.01	D&D Bldg 707	NO
00300	11/6/01	GW07843RG	URANIUM-238	REAL	TR1	15.8	2.92	PCI/L		V1	0.18	0.768	D&D Bldg 707	NO
00400	12/4/01	GW07848RG	AMERICIUM-241	REAL	TR1	0.0142	0.0106	PCI/L	J	V1	0.0061	0.145	D&D Bldg 776/777	NO
00400	12/4/01	GW07848RG	PLUTONIUM-239/240	REAL	TR1	0.0173	0.0109	PCI/L	J	V1	0.0052	0.151	D&D Bldg 776/777	NO
00400	11/28/01	GW07848RG	TRITIUM	REAL	TR1	-78.3	127	PCI/L	U	V1	233	666	D&D Bldg 776/777	NO
00400	11/28/01	GW07848RG	URANIUM-233,-234	REAL	TR1	2.05	0.611	PCI/L		V1	0.25	1.06	D&D Bldg 776/777	YES
00400	11/28/01	GW07848RG	URANIUM-235	REAL	TR1	0.117	0.133	PCI/L	U	V1	0.206	1.01	D&D Bldg 776/777	YES
00400	11/28/01	GW07848RG	URANIUM-238	REAL	TR1	1.01	0.402	PCI/L		V1	0.284	0.768	D&D Bldg 776/777	YES
00500	11/12/01	GW07849RG	AMERICIUM-241	REAL	TR1	0.00744	0.0146	PCI/L	U	V	0.0274	0.145	D&D Bldg 776/777	NO
00500	11/12/01	GW07849RG	PLUTONIUM-239/240	REAL	TR1	0.0142	0.0131	PCI/L	U	V	0.0196	0.151	D&D Bldg 776/777	NO
00500	11/12/01	GW07849RG	TRITIUM	REAL	TR1	80.1	119	PCI/L	U	V1	202	666	D&D Bldg 776/777	NO
00500	11/12/01	GW07849RG	URANIUM-233,-234	REAL	TR1	0.141	0.133	PCI/L	U	V	0.157	1.06	D&D Bldg 776/777	YES
00500	11/12/01	GW07849RG	URANIUM-235	REAL	TR1	-0.0072	0.0601	PCI/L	U	V	0.157	1.01	D&D Bldg 776/777	YES
00500	11/12/01	GW07849RG	URANIUM-238	REAL	TR1	0.23	0.169	PCI/L	J	V	0.157	0.768	D&D Bldg 776/777	YES
00600	11/15/01	GW07850RG	AMERICIUM-241	REAL	TR1	0.0355	0.0245	PCI/L		V	0.0353	0.145	D&D Bldg 776/777	NO
00600	11/15/01	GW07851RG	AMERICIUM-241	DUP	TR1	0.0115	0.012	PCI/L	U	V	0.0176	0.145	D&D Bldg 776/777	NO
00600	11/15/01	GW07852RG	AMERICIUM-241	RNS	TR1	0.0213	0.0149	PCI/L	J	V	0.0186	0.145	D&D Bldg 776/777	NO
00600	11/15/01	GW07850RG	PLUTONIUM-239/240	REAL	TR1	0.00514	0.0101	PCI/L	U	V	0.0189	0.151	D&D Bldg 776/777	NO
00600	11/15/01	GW07851RG	PLUTONIUM-239/240	DUP	TR1	0	0.0146	PCI/L	U	V	0.0301	0.151	D&D Bldg 776/777	NO
00600	11/15/01	GW07852RG	PLUTONIUM-239/240	RNS	TR1	0.00204	0.012	PCI/L	U	V	0.0251	0.151	D&D Bldg 776/777	NO
00600	11/15/01	GW07850RG	TRITIUM	REAL	TR1	0	112	PCI/L	U	V1	199	666	D&D Bldg 776/777	NO
00600	11/15/01	GW07851RG	TRITIUM	DUP	TR1	26.7	115	PCI/L	U	V1	202	666	D&D Bldg 776/777	NO
00600	11/15/01	GW07852RG	TRITIUM	RNS	TR1	80.3	120	PCI/L	U	V1	202	666	D&D Bldg 776/777	NO
00600	11/15/01	GW07850RG	URANIUM-233,-234	REAL	TR1	0.288	0.204	PCI/L	J	V	0.258	1.06	D&D Bldg 776/777	YES
00600	11/15/01	GW07851RG	URANIUM-233,-234	DUP	TR1	0.2	0.157	PCI/L	J	V	0.156	1.06	D&D Bldg 776/777	YES
00600	11/15/01	GW07852RG	URANIUM-233,-234	RNS	TR1	0.0167	0.0665	PCI/L	U	V	0.2	1.06	D&D Bldg 776/777	YES
00600	11/15/01	GW07850RG	URANIUM-235	REAL	TR1	0.0845	0.123	PCI/L	U	V	0.244	1.01	D&D Bldg 776/777	YES
00600	11/15/01	GW07851RG	URANIUM-235	DUP	TR1	0	0	PCI/L	U	V	0.089	1.01	D&D Bldg 776/777	YES
00600	11/15/01	GW07852RG	URANIUM-235	RNS	TR1	-0.0155	0.0667	PCI/L	U	V	0.2	1.01	D&D Bldg 776/777	YES
00600	11/15/01	GW07850RG	URANIUM-238	REAL	TR1	0.0842	0.123	PCI/L	U	V	0.243	0.768	D&D Bldg 776/777	YES
00600	11/15/01	GW07851RG	URANIUM-238	DUP	TR1	0.141	0.132	PCI/L	U	V	0.156	0.768	D&D Bldg 776/777	YES
00600	11/15/01	GW07852RG	URANIUM-238	RNS	TR1	0.0963	0.11	PCI/L	J	V	0.0963	0.768	D&D Bldg 776/777	YES

Location	Sample Date	Sample #	Analyte	QC Type	Result Type	Result	Sigma Error	Units	Lab Qual	Valid-ation	Detect Limit	Tier II	Well Class	Filtered
00700	11/14/01	GW07853RG	AMERICIUM-241	REAL	TR1	0.00406	0.0098	PCI/L	U	V	0.0194	0.145	D&D Bldg 776/777	NO
00700	11/14/01	GW07853RG	PLUTONIUM-239/240	REAL	TR1	0.00811	0.008	PCI/L	J	V	0.0061	0.151	D&D Bldg 776/777	NO
00700	11/14/01	GW07853RG	TRITIUM	REAL	TR1	264	133	PCI/L	J	V1	200	666	D&D Bldg 776/777	NO
00700	11/14/01	GW07853RG	URANIUM-233,-234	REAL	TR1	0.216	0.17	PCI/L	J	V	0.169	1.06	D&D Bldg 776/777	YES
00700	11/14/01	GW07853RG	URANIUM-235	REAL	TR1	0.0577	0.114	PCI/L	U	V	0.259	1.01	D&D Bldg 776/777	YES
00700	11/14/01	GW07853RG	URANIUM-238	REAL	TR1	0.00894	0.0678	PCI/L	U	V	0.222	0.768	D&D Bldg 776/777	YES
00897	10/5/01	GW07775RG	AMERICIUM-241	REAL	TR1	0.0121	0.0126	PCI/L	U	V1	0.0185	0.145	Perf Monitoring	NO
00897	10/5/01	GW07775RG	PLUTONIUM-239/240	REAL	TR1	5E-10	0.0098	PCI/L	U	V1	0.0226	0.151	Perf Monitoring	NO
00897	10/5/01	GW07775RG	URANIUM-233,-234	REAL	TR1	4.31	1.05	PCI/L		V1	0.195	1.06	Perf Monitoring	YES
00897	10/5/01	GW07775RG	URANIUM-235	REAL	TR1	0.185	0.165	PCI/L	J	V1	0.111	1.01	Perf Monitoring	YES
00897	10/5/01	GW07775RG	URANIUM-238	REAL	TR1	2.06	0.637	PCI/L		V1	0.195	0.768	Perf Monitoring	YES
02291	10/11/01	GW07776RG	AMERICIUM-241	REAL	TR1	0.0105	0.0109	PCI/L	U	V	0.016	0.145	Perf Monitoring	NO
02291	10/11/01	GW07777RG	AMERICIUM-241	DUP	TR1	0.00634	0.0093	PCI/L	U	V	0.0162	0.145	Perf Monitoring	NO
02291	10/11/01	GW07778RG	AMERICIUM-241	RNS	TR1	0	0.0072	PCI/L	U	V	0.0176	0.145	Perf Monitoring	NO
02291	10/11/01	GW07776RG	PLUTONIUM-239/240	REAL	TR1	0.00244	0.0107	PCI/L	U	V	0.0234	0.151	Perf Monitoring	NO
02291	10/11/01	GW07777RG	PLUTONIUM-239/240	DUP	TR1	-2E-10	0.0055	PCI/L	U	V	0.0153	0.151	Perf Monitoring	NO
02291	10/11/01	GW07778RG	PLUTONIUM-239/240	RNS	TR1	0.00246	0.0048	PCI/L	U	V	0.0074	0.151	Perf Monitoring	NO
02291	10/11/01	GW07776RG	URANIUM-233,-234	REAL	TR1	2.49	0.566	PCI/L		V	0.15	1.06	Perf Monitoring	YES
02291	10/11/01	GW07777RG	URANIUM-233,-234	DUP	TR1	2.22	0.533	PCI/L		V	0.209	1.06	Perf Monitoring	YES
02291	10/11/01	GW07778RG	URANIUM-233,-234	RNS	TR1	0.111	0.149	PCI/L	U	V	0.286	1.06	Perf Monitoring	YES
02291	10/11/01	GW07776RG	URANIUM-235	REAL	TR1	0.121	0.103	PCI/L	U	V	0.134	1.01	Perf Monitoring	YES
02291	10/11/01	GW07777RG	URANIUM-235	DUP	TR1	0.134	0.107	PCI/L	J	V	0.117	1.01	Perf Monitoring	YES
02291	10/11/01	GW07778RG	URANIUM-235	RNS	TR1	-0.0757	0.0873	PCI/L	U	V	0.344	1.01	Perf Monitoring	YES
02291	10/11/01	GW07776RG	URANIUM-238	REAL	TR1	1.36	0.377	PCI/L		V	0.15	0.768	Perf Monitoring	YES
02291	10/11/01	GW07777RG	URANIUM-238	DUP	TR1	1.24	0.369	PCI/L		V	0.228	0.768	Perf Monitoring	YES
02291	10/11/01	GW07778RG	URANIUM-238	RNS	TR1	0.0511	0.142	PCI/L	U	V	0.33	0.768	Perf Monitoring	YES
02500	10/23/01	GW07858RG	AMERICIUM-241	REAL	TR1	0.00546	0.0076	PCI/L	U	V1	0.0082	0.145	D&D Bldg 779	NO
02500	10/23/01	GW07859RG	AMERICIUM-241	DUP	TR1	0.0136	0.0149	PCI/L	U	V1	0.024	0.145	D&D Bldg 779	NO
02500	10/23/01	GW07860RG	AMERICIUM-241	RNS	TR1	0.0271	0.0168	PCI/L	J	V1	0.0173	0.145	D&D Bldg 779	NO
02500	10/23/01	GW07858RG	PLUTONIUM-239/240	REAL	TR1	0.0489	0.0222	PCI/L		V1	0.0203	0.151	D&D Bldg 779	NO
02500	10/23/01	GW07859RG	PLUTONIUM-239/240	DUP	TR1	0.0131	0.0132	PCI/L	U	V1	0.0206	0.151	D&D Bldg 779	NO
02500	10/23/01	GW07860RG	PLUTONIUM-239/240	RNS	TR1	0.0112	0.009	PCI/L	J	V1	0.0056	0.151	D&D Bldg 779	NO
02500	10/23/01	GW07858RG	URANIUM-233,-234	REAL	TR1	6.27	1.29	PCI/L		V1	0.271	1.06	D&D Bldg 779	YES
02500	10/23/01	GW07859RG	URANIUM-233,-234	DUP	TR1	5.32	1.14	PCI/L		V1	0.203	1.06	D&D Bldg 779	YES
02500	10/23/01	GW07860RG	URANIUM-233,-234	RNS	TR1	0.0166	0.0663	PCI/L	U	V1	0.199	1.06	D&D Bldg 779	NO
02500	10/23/01	GW07858RG	URANIUM-235	REAL	TR1	0.246	0.175	PCI/L	J	V1	0.179	1.01	D&D Bldg 779	YES
02500	10/23/01	GW07859RG	URANIUM-235	DUP	TR1	0.279	0.188	PCI/L	J	V1	0.182	1.01	D&D Bldg 779	YES
02500	10/23/01	GW07860RG	URANIUM-235	RNS	TR1	-0.0462	0.0377	PCI/L	U	V1	0.276	1.01	D&D Bldg 779	NO
02500	10/23/01	GW07858RG	URANIUM-238	REAL	TR1	3.26	0.788	PCI/L		V1	0.179	0.768	D&D Bldg 779	YES
02500	10/23/01	GW07859RG	URANIUM-238	DUP	TR1	3.12	0.77	PCI/L		V1	0.22	0.768	D&D Bldg 779	YES
02500	10/23/01	GW07860RG	URANIUM-238	RNS	TR1	0.105	0.129	PCI/L	U	V1	0.222	0.768	D&D Bldg 779	NO
11891	10/5/01	GW07784RG	AMERICIUM-241	REAL	TR1	0.0231	0.0181	PCI/L	J	V1	0.0221	0.145	Perf Monitoring	NO
11891	10/5/01	GW07785RG	AMERICIUM-241	RNS	TR1	0.0169	0.0143	PCI/L	U	V1	0.0185	0.145	Perf Monitoring	NO
11891	10/5/01	GW07784RG	PLUTONIUM-239/240	REAL	TR1	0.0293	0.023	PCI/L	J	V1	0.0281	0.151	Perf Monitoring	NO
11891	10/5/01	GW07785RG	PLUTONIUM-239/240	RNS	TR1	0.00391	0.0109	PCI/L	U	V1	0.0216	0.151	Perf Monitoring	NO
11891	10/5/01	GW07784RG	URANIUM-233,-234	REAL	TR1	2.65	1.09	PCI/L		V1	0.646	1.06	Perf Monitoring	YES
11891	10/5/01	GW07785RG	URANIUM-233,-234	RNS	TR1	0.146	0.154	PCI/L	U	V1	0.237	1.06	Perf Monitoring	YES
11891	10/5/01	GW07784RG	URANIUM-235	REAL	TR1	0	0	PCI/L	U	V1	0.257	1.01	Perf Monitoring	YES
11891	10/5/01	GW07785RG	URANIUM-235	RNS	TR1	0.0096	0.0728	PCI/L	U	V1	0.238	1.01	Perf Monitoring	YES
11891	10/5/01	GW07784RG	URANIUM-238	REAL	TR1	1.16	0.697	PCI/L		V1	0.734	0.768	Perf Monitoring	YES
11891	10/5/01	GW07785RG	URANIUM-238	RNS	TR1	0.0629	0.143	PCI/L	U	V1	0.336	0.768	Perf Monitoring	YES
12191	10/18/01	GW07786RG	AMERICIUM-241	REAL	TR1	0.019	0.0177	PCI/L	U	V	0.0259	0.145	Perf Monitoring	NO
12191	10/18/01	GW07786RG	PLUTONIUM-239/240	REAL	TR1	0.0516	0.0264	PCI/L		V	0.0329	0.151	Perf Monitoring	NO
12191	10/18/01	GW07786RG	URANIUM-233,-234	REAL	TR1	1.77	0.452	PCI/L		V	0.201	1.06	Perf Monitoring	YES
12191	10/18/01	GW07786RG	URANIUM-235	REAL	TR1	0.0815	0.0988	PCI/L	U	V	0.179	1.01	Perf Monitoring	YES
12191	10/18/01	GW07786RG	URANIUM-238	REAL	TR1	1.18	0.346	PCI/L		V	0.152	0.768	Perf Monitoring	YES
1386	11/1/01	GW07812RG	AMERICIUM-241	REAL	TR1	0.0226	0.0177	PCI/L	U	V1	0.0253	0.145	Plume Extent	NO



Location	Sample Date	Sample #	Analyte	QC Type	Result Type	Result	Sigma Error	Units	Lab Qual	Validation	Detect Limit	Tier II	Well Class	Filtered
1386	11/1/01	GW07812RG	PLUTONIUM-239/240	REAL	TR1	0.00207	0.0041	PCI/L	U	V1	0.0062	0.151	Plume Extent	NO
1386	11/1/01	GW07812RG	STRONTIUM-89,90	REAL	TR1	0.0321	0.222	PCI/L	U	V	0.379	0.852	Plume Extent	YES
1386	10/25/01	GW07812RG	TRITIUM	REAL	TR1	54.6	120	PCI/L	U	V1	206	666	Plume Extent	NO
1386	10/25/01	GW07812RG	URANIUM-233,-234	REAL	TR1	5.88	1.24	PCI/L		V1	0.311	1.06	Plume Extent	YES
1386	10/25/01	GW07812RG	URANIUM-235	REAL	TR1	0.319	0.209	PCI/L	J	V1	0.239	1.01	Plume Extent	YES
1386	10/25/01	GW07812RG	URANIUM-238	REAL	TR1	4.31	0.971	PCI/L		V1	0.0885	0.768	Plume Extent	YES
15699	12/10/01	GW07801RG	URANIUM-233,-234	REAL	TR1	17.7	2.7	PCI/L		V	0.108	1.06	Perf Monitoring	NO
15699	12/10/01	GW07801RG	URANIUM-235	REAL	TR1	0.974	0.271	PCI/L	J	V	0.108	1.01	Perf Monitoring	NO
15699	12/10/01	GW07801RG	URANIUM-238	REAL	TR1	11.7	1.84	PCI/L		V	0.0888	0.768	Perf Monitoring	NO
1786	10/16/01	GW07813RG	AMERICIUM-241	REAL	TR1	0	0.011	PCI/L	U	V	0.0268	0.145	Plume Extent	NO
1786	10/16/01	GW07813RG	PLUTONIUM-239/240	REAL	TR1	-5E-10	0.0084	PCI/L	U	V	0.0206	0.151	Plume Extent	NO
1786	10/16/01	GW07813RG	STRONTIUM-89,90	REAL	TR1	-0.0042	0.0961	PCI/L	U	V1	0.168	0.852	Plume Extent	NO
1786	10/16/01	GW07813RG	TRITIUM	REAL	TR1	293	197	PCI/L	U	V1	314	666	Plume Extent	NO
1786	10/16/01	GW07813RG	URANIUM-233,-234	REAL	TR1	32.3	5.04	PCI/L		V	0.255	1.06	Plume Extent	NO
1786	10/16/01	GW07813RG	URANIUM-235	REAL	TR1	1.96	0.488	PCI/L		V	0.14	1.01	Plume Extent	NO
1786	10/16/01	GW07813RG	URANIUM-238	REAL	TR1	24	3.8	PCI/L		V	0.116	0.768	Plume Extent	NO
18199	10/29/01	GW07830RG	AMERICIUM-241	REAL	TR1	0.0167	0.0154	PCI/L	U	V1	0.023	0.145	Plume Degradation	NO
18199	10/29/01	GW07830RG	NEPTUNIUM-237	REAL	TR1	0.0813	0.114	PCI/L	U	V1	0.248		Plume Degradation	NO
18199	10/29/01	GW07830RG	PLUTONIUM-239/240	REAL	TR1	0.00914	0.0142	PCI/L	U	V1	0.0252	0.151	Plume Degradation	NO
18199	10/29/01	GW07830RG	TRITIUM	REAL	TR1	110	125	PCI/L	U	V1	208	666	Plume Degradation	NO
18199	10/29/01	GW07830RG	URANIUM-233,-234	REAL	TR1	0.489	0.273	PCI/L	J	V1	0.187	1.06	Plume Degradation	NO
18199	10/29/01	GW07830RG	URANIUM-235	REAL	TR1	-0.0171	0.0738	PCI/L	U	V1	0.222	1.01	Plume Degradation	NO
18199	10/29/01	GW07830RG	URANIUM-238	REAL	TR1	0.374	0.24	PCI/L	J	V1	0.221	0.768	Plume Degradation	NO
1986	10/8/01	GW07779RG	AMERICIUM-241	REAL	TR1	0.0143	0.0149	PCI/L	U	V1	0.0228	0.145	Plume Extent	NO
1986	10/8/01	GW07779RG	PLUTONIUM-239/240	REAL	TR1	0.00273	0.0142	PCI/L	U	V1	0.0302	0.151	Plume Extent	NO
1986	10/8/01	GW07779RG	URANIUM-233,-234	REAL	TR1	2.8	0.759	PCI/L		V1	0.104	1.06	Plume Extent	YES
1986	10/8/01	GW07779RG	URANIUM-235	REAL	TR1	0.139	0.138	PCI/L	J	V1	0.104	1.01	Plume Extent	YES
1986	10/8/01	GW07779RG	URANIUM-238	REAL	TR1	1.55	0.519	PCI/L		V1	0.183	0.768	Plume Extent	YES
2186	11/13/01	GW07780RG	AMERICIUM-241	REAL	TR1	0.0333	0.0203	PCI/L		V	0.0262	0.145	Plume Extent	NO
2186	11/13/01	GW07780RG	PLUTONIUM-239/240	REAL	TR1	0.00192	0.0136	PCI/L	U	V	0.0277	0.151	Plume Extent	NO
2186	11/13/01	GW07780RG	URANIUM-233,-234	REAL	TR1	3.32	0.875	PCI/L		V	0.228	1.06	Plume Extent	NO
2186	11/13/01	GW07780RG	URANIUM-235	REAL	TR1	0.056	0.105	PCI/L	U	V	0.229	1.01	Plume Extent	NO
2186	11/13/01	GW07780RG	URANIUM-238	REAL	TR1	1.2	0.465	PCI/L		V	0.297	0.768	Plume Extent	NO
22796	10/9/01	GW07787RG	AMERICIUM-241	REAL	TR1	0.0295	0.0175	PCI/L	J	V1	0.0173	0.145	Plume Extent	NO
22796	11/14/01	GW07787RG	NEPTUNIUM-237	REAL	TR1	-0.0095	0.0639	PCI/L	U	V	0.21		Plume Extent	NO
22796	10/9/01	GW07787RG	PLUTONIUM-239/240	REAL	TR1	0.0118	0.0173	PCI/L	U	V1	0.03	0.151	Plume Extent	NO
22796	11/14/01	GW07787RG	TRITIUM	REAL	TR1	26.8	116	PCI/L	U	V1	203	666	Plume Extent	NO
22796	10/9/01	GW07787RG	URANIUM-233,-234	REAL	TR1	2.95	0.781	PCI/L		V1	0.272	1.06	Plume Extent	NO
22796	10/9/01	GW07787RG	URANIUM-235	REAL	TR1	0.0593	0.0952	PCI/L	U	V1	0.178	1.01	Plume Extent	NO
22796	10/9/01	GW07787RG	URANIUM-238	REAL	TR1	2.22	0.646	PCI/L		V1	0.254	0.768	Plume Extent	NO
23296	10/23/01	GW07809RG	AMERICIUM-241	REAL	TR1	0.0126	0.0102	PCI/L	J	V1	0.0063	0.145	Plume Extent	NO
23296	10/23/01	GW07809RG	PLUTONIUM-239/240	REAL	TR1	0.0147	0.011	PCI/L	J	V1	0.0063	0.151	Plume Extent	NO
23296	10/23/01	GW07809RG	URANIUM-233,-234	REAL	TR1	17.7	3.03	PCI/L		V1	0.166	1.06	Plume Extent	NO
23296	10/23/01	GW07809RG	URANIUM-235	REAL	TR1	0.894	0.335	PCI/L	J	V1	0.166	1.01	Plume Extent	NO
23296	10/23/01	GW07809RG	URANIUM-238	REAL	TR1	13.2	2.35	PCI/L		V1	0.166	0.768	Plume Extent	NO
3586	10/22/01	GW07803RG	AMERICIUM-241	REAL	TR1	0.0122	0.0127	PCI/L	U	V1	0.0187	0.145	Plume Extent	NO
3586	10/22/01	GW07803RG	PLUTONIUM-239/240	REAL	TR1	0.00754	0.0105	PCI/L	U	V1	0.018	0.151	Plume Extent	NO
3586	10/22/01	GW07803RG	URANIUM-233,-234	REAL	TR1	1.89	0.587	PCI/L		V1	0.237	1.06	Plume Extent	YES
3586	10/22/01	GW07803RG	URANIUM-235	REAL	TR1	0.0947	0.119	PCI/L	U	V1	0.181	1.01	Plume Extent	YES
3586	10/22/01	GW07803RG	URANIUM-238	REAL	TR1	1.28	0.462	PCI/L		V1	0.213	0.768	Plume Extent	YES
3687	10/16/01	GW07782RG	AMERICIUM-241	REAL	TR1	0.0077	0.0088	PCI/L	J	V	0.0077	0.145	Perf Monitoring	NO
3687	10/16/01	GW07783RG	AMERICIUM-241	DUP	TR1	0.00527	0.0077	PCI/L	U	V	0.0135	0.145	Perf Monitoring	NO
3687	10/16/01	GW07782RG	PLUTONIUM-239/240	REAL	TR1	0.00847	0.0102	PCI/L	U	V	0.0162	0.151	Perf Monitoring	NO
3687	10/16/01	GW07783RG	PLUTONIUM-239/240	DUP	TR1	0.0113	0.0105	PCI/L	U	V	0.0144	0.151	Perf Monitoring	NO
3687	10/16/01	GW07782RG	URANIUM-233,-234	REAL	TR1	1.75	0.467	PCI/L		V	0.153	1.06	Perf Monitoring	NO
3687	10/16/01	GW07783RG	URANIUM-233,-234	DUP	TR1	1.8	0.484	PCI/L		V	0.208	1.06	Perf Monitoring	NO
3687	10/16/01	GW07782RG	URANIUM-235	REAL	TR1	0.103	0.0993	PCI/L	U	V	0.128	1.01	Perf Monitoring	NO

Location	Sample Date	Sample #	Analyte	QC Type	Result Type	Result	Sigma Error	Units	Lab Qual	Valid-ation	Detect Limit	Tier II	Well Class	Filtered
3687	10/16/01	GW07783RG	URANIUM-235	DUP	TR1	0.0722	0.106	PCI/L	U	V	0.208	1.01	Perf Monitoring	NO
3687	10/16/01	GW07782RG	URANIUM-238	REAL	TR1	0.946	0.321	PCI/L	J	V	0.173	0.768	Perf Monitoring	NO
3687	10/16/01	GW07783RG	URANIUM-238	DUP	TR1	0.891	0.31	PCI/L	J	V	0.13	0.768	Perf Monitoring	NO
37791	12/17/01	GW07884RG	AMERICIUM-241	REAL	TR1	0.0195	0.0157	PCI/L	J	V	0.0097	0.145	D&D Bldg 881	NO
37791	12/17/01	GW07888RG	AMERICIUM-241	DUP	TR1	0.0376	0.0226	PCI/L		V	0.0103	0.145	D&D Bldg 881	NO
37791	12/17/01	GW07889RG	AMERICIUM-241	RNS	TR1	0.0228	0.0167	PCI/L	J	V	0.0194	0.145	D&D Bldg 881	NO
37791	12/17/01	GW07884RG	PLUTONIUM-239/240	REAL	TR1	0.0134	0.014	PCI/L	U	V	0.0205	0.151	D&D Bldg 881	NO
37791	12/17/01	GW07888RG	PLUTONIUM-239/240	DUP	TR1	0.00262	0.0136	PCI/L	U	V	0.029	0.151	D&D Bldg 881	NO
37791	12/17/01	GW07889RG	PLUTONIUM-239/240	RNS	TR1	0.0212	0.0145	PCI/L	J	V	0.0162	0.151	D&D Bldg 881	NO
37791	12/11/01	GW07884RG	URANIUM-233,-234	REAL	TR1	7.36	1.23	PCI/L		V	0.126	1.06	D&D Bldg 881	YES
37791	12/11/01	GW07888RG	URANIUM-233,-234	DUP	TR1	7.34	1.25	PCI/L		V	0.152	1.06	D&D Bldg 881	YES
37791	12/11/01	GW07889RG	URANIUM-233,-234	RNS	TR1	0.0157	0.0494	PCI/L	U	V	0.122	1.06	D&D Bldg 881	NO
37791	12/11/01	GW07884RG	URANIUM-235	REAL	TR1	0.384	0.162	PCI/L	J	V	0.126	1.01	D&D Bldg 881	YES
37791	12/11/01	GW07888RG	URANIUM-235	DUP	TR1	0.461	0.189	PCI/L	J	V	0.153	1.01	D&D Bldg 881	YES
37791	12/11/01	GW07889RG	URANIUM-235	RNS	TR1	0	0	PCI/L	U	V	0.0478	1.01	D&D Bldg 881	NO
37791	12/11/01	GW07884RG	URANIUM-238	REAL	TR1	5.87	1.01	PCI/L		V	0.0433	0.768	D&D Bldg 881	YES
37791	12/11/01	GW07888RG	URANIUM-238	DUP	TR1	5.6	0.998	PCI/L		V	0.196	0.768	D&D Bldg 881	YES
37791	12/11/01	GW07889RG	URANIUM-238	RNS	TR1	0.0159	0.0312	PCI/L	U	V	0.0477	0.768	D&D Bldg 881	NO
41499	12/27/01	GW07835RG	AMERICIUM-241	REAL	TR1	0.0265	0.0228	PCI/L	U	V	0.0298	0.145	D&D Bldg 771	NO
41499	12/27/01	GW07835RG	NEPTUNIUM-237	REAL	TR1	0.0979	0.14	PCI/L	U	V	0.294		D&D Bldg 771	NO
41499	12/27/01	GW07835RG	PLUTONIUM-239/240	REAL	TR1	0.0102	0.0141	PCI/L	U	V	0.0153	0.151	D&D Bldg 771	NO
55901	12/19/01	GW07871RG	AMERICIUM-241	REAL	TR1	0.0211	0.0154	PCI/L	J	V	0.018	0.145	D&D Bldg 559	NO
55901	12/19/01	GW07871RG	PLUTONIUM-239/240	REAL	TR1	0.00226	0.0099	PCI/L	U	V	0.0217	0.151	D&D Bldg 559	NO
55901	12/18/01	GW07871RG	URANIUM-233,-234	REAL	TR1	0.446	0.186	PCI/L	J	V	0.163	1.06	D&D Bldg 559	YES
55901	12/18/01	GW07871RG	URANIUM-235	REAL	TR1	0.0705	0.0808	PCI/L	U	V	0.137	1.01	D&D Bldg 559	YES
55901	12/18/01	GW07871RG	URANIUM-238	REAL	TR1	0.454	0.182	PCI/L	J	V	0.12	0.768	D&D Bldg 559	YES
56201	12/26/01	GW07876RG	AMERICIUM-241	REAL	TR1	0.0237	0.0136	PCI/L	J	V	0.0059	0.145	D&D Bldg 559	NO
56201	12/26/01	GW07876RG	PLUTONIUM-239/240	REAL	TR1	0.00551	0.0108	PCI/L	U	V	0.0203	0.151	D&D Bldg 559	NO
56201	12/18/01	GW07876RG	URANIUM-233,-234	REAL	TR1	0.334	0.153	PCI/L	J	V	0.14	1.06	D&D Bldg 559	NO
56201	12/18/01	GW07876RG	URANIUM-235	REAL	TR1	0.189	0.117	PCI/L	J	V	0.14	1.01	D&D Bldg 559	NO
56201	12/18/01	GW07876RG	URANIUM-238	REAL	TR1	0.152	0.11	PCI/L	J	V	0.151	0.768	D&D Bldg 559	NO
56301	12/17/01	GW07877RG	AMERICIUM-241	REAL	TR1	0.00668	0.0076	PCI/L	J	V	0.0067	0.145	D&D Bldg 559	NO
56301	12/17/01	GW07877RG	PLUTONIUM-239/240	REAL	TR1	0.0361	0.0196	PCI/L		V	0.0222	0.151	D&D Bldg 559	NO
56301	12/13/01	GW07877RG	URANIUM-233,-234	REAL	TR1	2.37	0.501	PCI/L		V	0.0941	1.06	D&D Bldg 559	YES
56301	12/13/01	GW07877RG	URANIUM-235	REAL	TR1	0.112	0.0931	PCI/L	U	V	0.131	1.01	D&D Bldg 559	YES
56301	12/13/01	GW07877RG	URANIUM-238	REAL	TR1	1.43	0.352	PCI/L		V	0.0941	0.768	D&D Bldg 559	YES
5887	10/9/01	GW07815RG	TRITIUM	REAL	TR1	-209	154	PCI/L	U	V1	297	666	RCRA	NO
5887	10/9/01	GW07815RG	URANIUM-233,-234	REAL	TR1	0.0704	0.141	PCI/L	U	V1	0.32	1.06	RCRA	NO
5887	10/9/01	GW07815RG	URANIUM-235	REAL	TR1	-0.0068	0.0756	PCI/L	U	V1	0.275	1.01	RCRA	NO
5887	10/9/01	GW07815RG	URANIUM-238	REAL	TR1	0.00135	0.0736	PCI/L	U	V1	0.256	0.768	RCRA	NO
60499	12/4/01	GW07844RG	AMERICIUM-241	REAL	TR1	0.024	0.0145	PCI/L	J	V1	0.0164	0.145	D&D Bldg 707	NO
60499	12/4/01	GW07844RG	NEPTUNIUM-237	REAL	TR1	-0.02	0.022	PCI/L	U	V1	0.193		D&D Bldg 707	NO
60499	12/4/01	GW07844RG	PLUTONIUM-239/240	REAL	TR1	0.0282	0.0145	PCI/L	J	V1	0.0056	0.151	D&D Bldg 707	NO
60499	11/5/01	GW07844RG	URANIUM-233,-234	REAL	TR1	4.74	1.02	PCI/L		V1	0.193	1.06	D&D Bldg 707	YES
60499	11/5/01	GW07844RG	URANIUM-235	REAL	TR1	0.245	0.169	PCI/L	J	V1	0.147	1.01	D&D Bldg 707	YES
60499	11/5/01	GW07844RG	URANIUM-238	REAL	TR1	2.81	0.7	PCI/L		V1	0.147	0.768	D&D Bldg 707	YES
60599	11/12/01	GW07845RG	URANIUM-233,-234	REAL	TR1	16.5	3.16	PCI/L		V	0.344	1.06	D&D Bldg 707	YES
60599	11/12/01	GW07845RG	URANIUM-235	REAL	TR1	0.574	0.321	PCI/L	J	V	0.279	1.01	D&D Bldg 707	YES
60599	11/12/01	GW07845RG	URANIUM-238	REAL	TR1	10.5	2.16	PCI/L		V	0.423	0.768	D&D Bldg 707	YES
61099	12/17/01	GW07892RG	URANIUM-233,-234	REAL	TR1	1.19	0.312	PCI/L		V	0.0451	1.06	D&D Bldg 883	YES
61099	12/17/01	GW07892RG	URANIUM-235	REAL	TR1	0.0527	0.0614	PCI/L	U	V	0.095	1.01	D&D Bldg 883	YES
61099	12/17/01	GW07892RG	URANIUM-238	REAL	TR1	0.804	0.245	PCI/L	J	V	0.0947	0.768	D&D Bldg 883	YES
61199	12/11/01	GW07891RG	URANIUM-233,-234	REAL	TR1	2.33	0.521	PCI/L		V	0.151	1.06	D&D Bldg 883	YES
61199	12/11/01	GW07891RG	URANIUM-235	REAL	TR1	0.165	0.119	PCI/L	J	V	0.151	1.01	D&D Bldg 883	YES
61199	12/11/01	GW07891RG	URANIUM-238	REAL	TR1	1.17	0.33	PCI/L		V	0.151	0.768	D&D Bldg 883	YES
70193	10/11/01	GW07818RG	TRITIUM	REAL	TR1	-267	162	PCI/L	U	V1	314	666	RCRA	NO
70193	10/11/01	GW07818RG	URANIUM-233,-234	REAL	TR1	0.0653	0.0923	PCI/L	U	V	0.175	1.06	RCRA	YES

## Appendix A: Groundwater Analytical Data - Radionuclides

Fourth Quarter 2001

Location	Sample Date	Sample #	Analyte	QC Type	Result Type	Result	Sigma Error	Units	Lab Qual	Valid-ation	Detect Limit	Tier II	Well Class	Filtered
70193	10/11/01	GW07818RG	URANIUM-235	REAL	TR1	0.163	0.129	PCI/L	J	V	0.156	1.01	RCRA	YES
70193	10/11/01	GW07818RG	URANIUM-238	REAL	TR1	0.104	0.1	PCI/L	U	V	0.129	0.768	RCRA	YES
70393	10/10/01	GW07819RG	TRITIUM	REAL	TR1	-212	156	PCI/L	U	V1	301	666	RCRA	NO
70393	10/10/01	GW07819RG	URANIUM-233,-234	REAL	TR1	0.114	0.13	PCI/L	U	V1	0.201	1.06	RCRA	NO
70393	10/10/01	GW07819RG	URANIUM-235	REAL	TR1	0.179	0.16	PCI/L	U	V1	0.202	1.01	RCRA	NO
70393	10/10/01	GW07819RG	URANIUM-238	REAL	TR1	-0.0078	0.0153	PCI/L	U	V1	0.171	0.768	RCRA	NO
70493	10/17/01	GW07820RG	TRITIUM	REAL	TR1	-295	162	PCI/L	U	V1	316	666	RCRA	NO
70493	10/17/01	GW07820RG	URANIUM-233,-234	REAL	TR1	1.64	0.44	PCI/L		V	0.179	1.06	RCRA	YES
70493	10/17/01	GW07820RG	URANIUM-235	REAL	TR1	0.0686	0.0852	PCI/L	U	V	0.145	1.01	RCRA	YES
70493	10/17/01	GW07820RG	URANIUM-238	REAL	TR1	0.659	0.251	PCI/L	J	V	0.121	0.768	RCRA	YES
83101	12/10/01	GW07893RG	URANIUM-233,-234	REAL	TR1	8.14	1.65	PCI/L		V1	0.173	1.06	D&D Bldg 883/881	YES
83101	12/10/01	GW07893RG	URANIUM-235	REAL	TR1	0.636	0.307	PCI/L	J	V1	0.229	1.01	D&D Bldg 883/881	YES
83101	12/10/01	GW07893RG	URANIUM-238	REAL	TR1	7.56	1.55	PCI/L		V1	0.248	0.768	D&D Bldg 883/881	YES
83201	12/12/01	GW07894RG	URANIUM-233,-234	REAL	TR1	161	25.4	PCI/L		V	0.178	1.06	D&D Bldg 883	YES
83201	12/12/01	GW07894RG	URANIUM-235	REAL	TR1	7.19	1.43	PCI/L		V	0.217	1.01	D&D Bldg 883	YES
83201	12/12/01	GW07894RG	URANIUM-238	REAL	TR1	127	20	PCI/L		V	0.217	0.768	D&D Bldg 883	YES
86501	12/4/01	GW07879RG	URANIUM-233,-234	REAL	TR1	37.2	7.23	PCI/L		V1	0.168	1.06	D&D Bldg 865	NO
86501	12/4/01	GW07879RG	URANIUM-235	REAL	TR1	1.1	0.532	PCI/L		V1	0.35	1.01	D&D Bldg 865	NO
86501	12/4/01	GW07879RG	URANIUM-238	REAL	TR1	26.5	5.3	PCI/L		V1	0.296	0.768	D&D Bldg 865	NO
86601	12/10/01	GW07880RG	URANIUM-233,-234	REAL	TR1	17.4	2.62	PCI/L		V	0.0817	1.06	D&D Bldg 865	NO
86601	12/10/01	GW07880RG	URANIUM-235	REAL	TR1	0.565	0.187	PCI/L	J	V	0.0819	1.01	D&D Bldg 865	NO
86601	12/10/01	GW07880RG	URANIUM-238	REAL	TR1	12	1.86	PCI/L		V	0.0817	0.768	D&D Bldg 865	NO
891COLWEL	12/17/01	GW07823RG	URANIUM-233,-234	REAL	TR1	11.3	1.77	PCI/L		V	0.105	1.06	Perf Monitoring	NO
891COLWEL	12/17/01	GW07823RG	URANIUM-235	REAL	TR1	0.437	0.17	PCI/L	J	V	0.131	1.01	Perf Monitoring	NO
891COLWEL	12/17/01	GW07823RG	URANIUM-238	REAL	TR1	7.83	1.28	PCI/L		V	0.0409	0.768	Perf Monitoring	NO
99301	12/17/01	GW07897RG	AMERICIUM-241	REAL	TR1	0.0445	0.0268	PCI/L		V	0.0121	0.145	D&D Bldg 991	NO
99301	12/17/01	GW07897RG	PLUTONIUM-239/240	REAL	TR1	0.0123	0.0121	PCI/L	J	V	0.0093	0.151	D&D Bldg 991	NO
99301	12/13/01	GW07897RG	URANIUM-233,-234	REAL	TR1	21.4	3.39	PCI/L		V	0.146	1.06	D&D Bldg 991	YES
99301	12/13/01	GW07897RG	URANIUM-235	REAL	TR1	0.852	0.282	PCI/L	J	V	0.121	1.01	D&D Bldg 991	YES
99301	12/13/01	GW07897RG	URANIUM-238	REAL	TR1	16.2	2.62	PCI/L		V	0.12	0.768	D&D Bldg 991	YES
B206989	12/4/01	GW07821RG	TRITIUM	REAL	TR1	-103	124	PCI/L	U	V1	229	666	RCRA	NO
B206989	12/4/01	GW07821RG	URANIUM-233,-234	REAL	TR1	53.4	9.07	PCI/L		V1	0.369	1.06	RCRA	YES
B206989	12/4/01	GW07821RG	URANIUM-235	REAL	TR1	1.64	0.67	PCI/L		V1	0.371	1.01	RCRA	YES
B206989	12/4/01	GW07821RG	URANIUM-238	REAL	TR1	32.1	5.71	PCI/L		V1	0.313	0.768	RCRA	YES
B208789	10/8/01	GW07789RG	AMERICIUM-241	REAL	TR1	0.0169	0.0123	PCI/L	J	V1	0.0143	0.145	Plume Extent	NO
B208789	10/8/01	GW07789RG	PLUTONIUM-239/240	REAL	TR1	0.0136	0.0167	PCI/L	U	V1	0.028	0.151	Plume Extent	NO
B208789	11/30/01	GW07789RG	STRONTIUM-89,90	REAL	TR1	-0.0498	0.294	PCI/L	U	V1	0.507	0.852	Plume Extent	YES
B208789	10/8/01	GW07789RG	TRITIUM	REAL	TR1	-258	149	PCI/L	U	V1	293	666	Plume Extent	NO
B208789	11/6/01	GW07789RG	URANIUM-233,-234	REAL	TR1	7.38	1.53	PCI/L		V1	0.269	1.06	Plume Extent	YES
B208789	11/6/01	GW07789RG	URANIUM-235	REAL	TR1	0.42	0.267	PCI/L	J	V1	0.34	1.01	Plume Extent	YES
B208789	11/6/01	GW07789RG	URANIUM-238	REAL	TR1	5.55	1.23	PCI/L		V1	0.269	0.768	Plume Extent	YES
S-865-2	12/13/01	SW07911RG	URANIUM-233,-234	REAL	TR1	4.2	0.766	PCI/L		V	0.0897	1.06	D&D Bldg 865	YES
S-865-2	12/13/01	SW07911RG	URANIUM-235	REAL	TR1	0.242	0.125	PCI/L	J	V	0.11	1.01	D&D Bldg 865	YES
S-865-2	12/13/01	SW07911RG	URANIUM-238	REAL	TR1	3.23	0.622	PCI/L		V	0.0427	0.768	D&D Bldg 865	YES
FD-559-561	12/13/01	SW07878RG	AMERICIUM-241	REAL	TR1	0.0205	0.0161	PCI/L	J	V	0.0196	0.145	D&D Bldg 559-561	NO
FD-559-561	12/13/01	SW07878RG	PLUTONIUM-239/240	REAL	TR1	0.00927	0.0091	PCI/L	J	V	0.007	0.151	D&D Bldg 559-561	NO
FD-559-561	12/13/01	SW07878RG	URANIUM-233,-234	REAL	TR1	1.35	0.356	PCI/L		V	0.179	1.06	D&D Bldg 559-561	YES
FD-559-561	12/13/01	SW07878RG	URANIUM-235	REAL	TR1	-0.0423	0.122	PCI/L	U	V	0.305	1.01	D&D Bldg 559-561	YES
FD-559-561	12/13/01	SW07878RG	URANIUM-238	REAL	TR1	0.628	0.227	PCI/L	J	V	0.179	0.768	D&D Bldg 559-561	YES
P209489	10/8/01	GW07791RG	AMERICIUM-241	REAL	TR1	0.0229	0.0149	PCI/L	J	V1	0.0159	0.145	Plume Definition	NO
P209489	10/8/01	GW07791RG	PLUTONIUM-239/240	REAL	TR1	0.00192	0.01	PCI/L	U	V1	0.0212	0.151	Plume Definition	NO
P209489	10/8/01	GW07791RG	STRONTIUM-89,90	REAL	TR1	-0.119	0.391	PCI/L	U	V	0.688	0.852	Plume Definition	YES
P209489	10/5/01	GW07791RG	TRITIUM	REAL	TR1	365	193	PCI/L	J	V1	296	666	Plume Definition	NO
P209489	10/8/01	GW07791RG	URANIUM-233,-234	REAL	TR1	26.5	5.02	PCI/L		V1	0.35	1.06	Plume Definition	YES
P209489	10/8/01	GW07791RG	URANIUM-235	REAL	TR1	1.13	0.496	PCI/L		V1	0.323	1.01	Plume Definition	YES
P209489	10/8/01	GW07791RG	URANIUM-238	REAL	TR1	21.7	4.2	PCI/L		V1	0.288	0.768	Plume Definition	YES
P218089	12/5/01	GW07841RG	AMERICIUM-241	REAL	TR1	0.0111	0.0103	PCI/L	U	V1	0.0141	0.145	D&D Bldg 707	NO

Location	Sample Date	Sample #	Analyte	QC Type	Result Type	Result	Sigma Error	Units	Lab Qual	Valid-ation	Detect Limit	Tier II	Well Class	Filtered
P218089	12/5/01	GW07841RG	NEPTUNIUM-237	REAL	TR1	0.0188	0.0488	PCI/L	U	V1	0.13		D&D Bldg 707	NO
P218089	12/5/01	GW07841RG	PLUTONIUM-239/240	REAL	TR1	0.0173	0.0126	PCI/L	J	V1	0.0147	0.151	D&D Bldg 707	NO
P218089	11/29/01	GW07841RG	URANIUM-233,-234	REAL	TR1	4.13	0.926	PCI/L		V1	0.174	1.06	D&D Bldg 707	YES
P218089	11/29/01	GW07841RG	URANIUM-235	REAL	TR1	0.0843	0.0963	PCI/L	J	V1	0.0843	1.01	D&D Bldg 707	YES
P218089	11/29/01	GW07841RG	URANIUM-238	REAL	TR1	2.04	0.566	PCI/L		V1	0.148	0.768	D&D Bldg 707	YES
P219089	11/7/01	GW07839RG	AMERICIUM-241	REAL	TR1	0.0154	0.012	PCI/L	J	V1	0.0147	0.145	D&D Bldg 771	NO
P219089	11/7/01	GW07839RG	NEPTUNIUM-237	REAL	TR1	0.0259	0.0843	PCI/L	U	V1	0.31		D&D Bldg 771	NO
P219089	11/7/01	GW07839RG	PLUTONIUM-239/240	REAL	TR1	0.00713	0.0081	PCI/L	J	V1	0.0071	0.151	D&D Bldg 771	NO
P219089	11/7/01	GW07839RG	TRITIUM	REAL	TR1	106	124	PCI/L	U	V1	207	666	D&D Bldg 771	NO
P219089	10/30/01	GW07839RG	URANIUM-233,-234	REAL	TR1	6.12	1.25	PCI/L		V1	0.213	1.06	D&D Bldg 771	YES
P219089	10/30/01	GW07839RG	URANIUM-235	REAL	TR1	0.432	0.233	PCI/L	J	V1	0.196	1.01	D&D Bldg 771	YES
P219089	10/30/01	GW07839RG	URANIUM-238	REAL	TR1	3.32	0.795	PCI/L		V1	0.228	0.768	D&D Bldg 771	YES
P219189	10/16/01	GW07793RG	TRITIUM	REAL	TR1	376	205	PCI/L	J	V1	316	666	Plume Definition	NO
P219189	11/29/01	GW07793RG	URANIUM-233,-234	REAL	TR1	52.8	10.5	PCI/L		V1	0.41	1.06	Plume Definition	YES
P219189	11/29/01	GW07793RG	URANIUM-235	REAL	TR1	1.62	0.731	PCI/L		V1	0.567	1.01	Plume Definition	YES
P219189	11/29/01	GW07793RG	URANIUM-238	REAL	TR1	37.9	7.72	PCI/L		V1	0.458	0.768	Plume Definition	YES
P219489	12/5/01	GW07794RG	URANIUM-233,-234	REAL	TR1	4.49	1.32	PCI/L		V1	0.433	1.06	Plume Extent	YES
P219489	12/5/01	GW07794RG	URANIUM-235	REAL	TR1	0.419	0.342	PCI/L	J	V1	0.21	1.01	Plume Extent	YES
P219489	12/5/01	GW07794RG	URANIUM-238	REAL	TR1	2.09	0.82	PCI/L		V1	0.209	0.768	Plume Extent	YES
P416689	12/14/01	GW07795RG	URANIUM-233,-234	REAL	TR1	2.47	0.527	PCI/L		V	0.0997	1.06	Plume Extent	YES
P416689	12/14/01	GW07795RG	URANIUM-235	REAL	TR1	0.0871	0.0787	PCI/L	U	V	0.1	1.01	Plume Extent	YES
P416689	12/14/01	GW07795RG	URANIUM-238	REAL	TR1	0.846	0.259	PCI/L	J	V	0.0997	0.768	Plume Extent	YES
P416889	11/13/01	GW07797RG	AMERICIUM-241	REAL	TR1	0.00644	0.0111	PCI/L	U	V	0.0205	0.145	Plume Definition	NO
P416889	11/13/01	GW07797RG	PLUTONIUM-239/240	REAL	TR1	0.0248	0.0165	PCI/L	J	V	0.0211	0.151	Plume Definition	NO
P416889	11/13/01	GW07797RG	URANIUM-233,-234	REAL	TR1	1.07	0.384	PCI/L		V	0.153	1.06	Plume Definition	NO
P416889	11/13/01	GW07797RG	URANIUM-235	REAL	TR1	0.0442	0.0832	PCI/L	U	V	0.181	1.01	Plume Definition	NO
P416889	11/13/01	GW07797RG	URANIUM-238	REAL	TR1	0.551	0.262	PCI/L	J	V	0.0869	0.768	Plume Definition	NO
SW13494	12/12/01	SW07890RG	AMERICIUM-241	REAL	TR1	0.034	0.0234	PCI/L		V	0.026	0.145	Perf Monitoring	NO
SW13494	12/12/01	SW07890RG	PLUTONIUM-239/240	REAL	TR1	0.00289	0.0127	PCI/L	U	V	0.0276	0.151	Perf Monitoring	NO
SW13494	12/12/01	SW07890RG	URANIUM-233,-234	REAL	TR1	3.17	0.633	PCI/L		V	0.162	1.06	Perf Monitoring	YES
SW13494	12/12/01	SW07890RG	URANIUM-235	REAL	TR1	0.203	0.126	PCI/L	J	V	0.15	1.01	Perf Monitoring	YES
SW13494	12/12/01	SW07890RG	URANIUM-238	REAL	TR1	2.53	0.537	PCI/L		V	0.183	0.768	Perf Monitoring	YES



Appendix A: Groundwater Analytical Data - Dissolved Gasses and Volatile Organic Compounds Fourth Quarter 2001

Location	Sample Date	Sample #	Analyte	QC Type	Result Type	Result	Units	Lab Qual	Valid-ation	Detect Limit	Dilu-tion	Tier II	IMP Well Class
Dissolved Gasses													
18199	10/29/01	GW07830RG	ETHANE	REAL	TR1	2	UG/L			2	1		Plume Degradation
18199	10/29/01	GW07830RG	ETHENE	REAL	TR1	2	UG/L			2	1		Plume Degradation
18199	10/29/01	GW07830RG	METHANE	REAL	TR1	26	UG/L			1	1		Plume Degradation
18399	10/29/01	GW07826RG	ETHANE	REAL	TR1	2	UG/L			2	1		Plume Degradation
18399	10/29/01	GW07826RG	ETHENE	REAL	TR1	2	UG/L			2	1		Plume Degradation
18399	10/29/01	GW07826RG	METHANE	REAL	TR1	1	UG/L			1	1		Plume Degradation
18499	10/30/01	GW07827RG	ETHANE	REAL	TR1	2	UG/L			2	1		Plume Degradation
18499	10/30/01	GW07827RG	ETHENE	REAL	TR1	2	UG/L			2	1		Plume Degradation
18499	10/30/01	GW07827RG	METHANE	REAL	TR1	52	UG/L			1	1		Plume Degradation
18799	10/30/01	GW07828RG	ETHANE	REAL	TR1	2	UG/L			2	1		Plume Degradation
18799	10/30/01	GW07828RG	ETHENE	REAL	TR1	2	UG/L			2	1		Plume Degradation
18799	10/30/01	GW07828RG	METHANE	REAL	TR1	2	UG/L			1	1		Plume Degradation
21098	11/1/01	GW07829RG	ETHANE	REAL	TR1	2	UG/L			2	1		Plume Degradation
21098	11/1/01	GW07829RG	ETHENE	REAL	TR1	2	UG/L			2	1		Plume Degradation
21098	11/1/01	GW07829RG	METHANE	REAL	TR1	1	UG/L			1	1		Plume Degradation
Volatile Organic Compounds - VOCs													
00100	11/15/01	GW07855RG	1,1,1,2-TETRACHLOROETHANE	REAL	TR1	1	UG/L	U	V1	0.22	1		D&D Bldg 779
00100	11/15/01	GW07856RG	1,1,1,2-TETRACHLOROETHANE	DUP	TR1	1	UG/L	U	V1	0.22	1		D&D Bldg 779
00100	11/15/01	GW07855RG	1,1,1-TRICHLOROETHANE	REAL	TR1	1	UG/L	U	V1	0.26	1	200	D&D Bldg 779
00100	11/15/01	GW07856RG	1,1,1-TRICHLOROETHANE	DUP	TR1	1	UG/L	U	V1	0.26	1	200	D&D Bldg 779
00100	11/15/01	GW07855RG	1,1,2,2-TETRACHLOROETHANE	REAL	TR1	1	UG/L	U	V1	0.31	1	0.426	D&D Bldg 779
00100	11/15/01	GW07856RG	1,1,2,2-TETRACHLOROETHANE	DUP	TR1	1	UG/L	U	V1	0.31	1	0.426	D&D Bldg 779
00100	11/15/01	GW07855RG	1,1,2-TRICHLOROETHANE	REAL	TR1	1	UG/L	U	V1	0.39	1	5	D&D Bldg 779
00100	11/15/01	GW07856RG	1,1,2-TRICHLOROETHANE	DUP	TR1	1	UG/L	U	V1	0.39	1	5	D&D Bldg 779
00100	11/15/01	GW07855RG	1,1,2-TRICHLOROTRIFLUOROETHANE	REAL	TR1	6.7	UG/L		V1	0.21	1		D&D Bldg 779
00100	11/15/01	GW07856RG	1,1,2-TRICHLOROTRIFLUOROETHANE	DUP	TR1	16	UG/L		V1	0.21	1		D&D Bldg 779
00100	11/15/01	GW07855RG	1,1-DICHLOROETHANE	REAL	TR1	0.77	UG/L	J	V1	0.17	1	3650	D&D Bldg 779
00100	11/15/01	GW07856RG	1,1-DICHLOROETHANE	DUP	TR1	1.3	UG/L		V1	0.17	1	3650	D&D Bldg 779
00100	11/15/01	GW07855RG	1,1-DICHLOROETHENE	REAL	TR1	0.38	UG/L	J	V1	0.2	1	7	D&D Bldg 779
00100	11/15/01	GW07856RG	1,1-DICHLOROETHENE	DUP	TR1	0.82	UG/L	J	V1	0.2	1	7	D&D Bldg 779
00100	11/15/01	GW07855RG	1,1-DICHLOROPROPENE	REAL	TR1	1	UG/L	U	V1	0.22	1		D&D Bldg 779
00100	11/15/01	GW07856RG	1,1-DICHLOROPROPENE	DUP	TR1	1	UG/L	U	V1	0.22	1		D&D Bldg 779
00100	11/15/01	GW07855RG	1,2,3-TRICHLOROBENZENE	REAL	TR1	1	UG/L	U	UJ1	0.16	1		D&D Bldg 779
00100	11/15/01	GW07856RG	1,2,3-TRICHLOROBENZENE	DUP	TR1	1	UG/L	U	UJ1	0.16	1		D&D Bldg 779
00100	11/15/01	GW07855RG	1,2,3-TRICHLOROPROPANE	REAL	TR1	1	UG/L	U	V1	0.29	1		D&D Bldg 779
00100	11/15/01	GW07856RG	1,2,3-TRICHLOROPROPANE	DUP	TR1	1	UG/L	U	V1	0.29	1		D&D Bldg 779
00100	11/15/01	GW07855RG	1,2,4-TRICHLOROBENZENE	REAL	TR1	1	UG/L	U	UJ1	0.2	1	70	D&D Bldg 779
00100	11/15/01	GW07856RG	1,2,4-TRICHLOROBENZENE	DUP	TR1	1	UG/L	U	UJ1	0.2	1	70	D&D Bldg 779
00100	11/15/01	GW07855RG	1,2-DIBROMOETHANE	REAL	TR1	1	UG/L	U	V1	0.36	1		D&D Bldg 779
00100	11/15/01	GW07856RG	1,2-DIBROMOETHANE	DUP	TR1	1	UG/L	U	V1	0.36	1		D&D Bldg 779
00100	11/15/01	GW07855RG	1,2-DICHLOROBENZENE	REAL	TR1	1	UG/L	U	UJ1	0.24	1	600	D&D Bldg 779
00100	11/15/01	GW07856RG	1,2-DICHLOROBENZENE	DUP	TR1	1	UG/L	U	UJ1	0.24	1	600	D&D Bldg 779
00100	11/15/01	GW07855RG	1,2-DICHLOROETHANE	REAL	TR1	1	UG/L	U	V1	0.28	1	5	D&D Bldg 779
00100	11/15/01	GW07856RG	1,2-DICHLOROETHANE	DUP	TR1	1	UG/L	U	V1	0.28	1	5	D&D Bldg 779
00100	11/15/01	GW07855RG	1,2-DICHLOROPROPANE	REAL	TR1	1	UG/L	U	V1	0.21	1	5	D&D Bldg 779
00100	11/15/01	GW07856RG	1,2-DICHLOROPROPANE	DUP	TR1	1	UG/L	U	V1	0.21	1	5	D&D Bldg 779
00100	11/15/01	GW07855RG	1,3-DICHLOROBENZENE	REAL	TR1	1	UG/L	U	UJ1	0.26	1	600	D&D Bldg 779
00100	11/15/01	GW07856RG	1,3-DICHLOROBENZENE	DUP	TR1	1	UG/L	U	UJ1	0.26	1	600	D&D Bldg 779
00100	11/15/01	GW07855RG	1,3-DICHLOROPROPANE	REAL	TR1	1	UG/L	U	V1	0.26	1		D&D Bldg 779
00100	11/15/01	GW07856RG	1,3-DICHLOROPROPANE	DUP	TR1	1	UG/L	U	V1	0.26	1		D&D Bldg 779
00100	11/15/01	GW07855RG	1,4-DICHLOROBENZENE	REAL	TR1	0.38	UG/L	J	J1	0.24	1	75	D&D Bldg 779
00100	11/15/01	GW07856RG	1,4-DICHLOROBENZENE	DUP	TR1	1	UG/L	U	UJ1	0.24	1	75	D&D Bldg 779
00100	11/15/01	GW07855RG	2,2-DICHLOROPROPANE	REAL	TR1	1	UG/L	U	V1	0.21	1		D&D Bldg 779
00100	11/15/01	GW07856RG	2,2-DICHLOROPROPANE	DUP	TR1	1	UG/L	U	V1	0.21	1		D&D Bldg 779
00100	11/15/01	GW07855RG	2-BUTANONE	REAL	TR1	5	UG/L	U	UJ1	0.93	1	21900	D&D Bldg 779

Appendix A: Groundwater Analytical Data - Dissolved Gasses and Volatile Organic Compounds Fourth Quarter 2001

Location	Sample Date	Sample #	Analyte	QC Type	Result Type	Result	Units	Lab Qual	Valid-ation	Detect Limit	Dilu-tion	Tier II	IMP Well Class
00100	11/15/01	GW07856RG	2-BUTANONE	DUP	TR1	5	UG/L	U	UJ1	0.93	1	21900	D&D Bldg 779
00100	11/15/01	GW07855RG	2-HEXANONE	REAL	TR1	5	UG/L	U	UJ1	0.7	1		D&D Bldg 779
00100	11/15/01	GW07856RG	2-HEXANONE	DUP	TR1	5	UG/L	U	UJ1	0.7	1		D&D Bldg 779
00100	11/15/01	GW07855RG	4-ISOPROPYLTOLUENE	REAL	TR1	1	UG/L	U	UJ1	0.3	1		D&D Bldg 779
00100	11/15/01	GW07856RG	4-ISOPROPYLTOLUENE	DUP	TR1	1	UG/L	U	UJ1	0.3	1		D&D Bldg 779
00100	11/15/01	GW07855RG	4-METHYL-2-PENTANONE	REAL	TR1	5	UG/L	U	V1	0.79	1	2920	D&D Bldg 779
00100	11/15/01	GW07856RG	4-METHYL-2-PENTANONE	DUP	TR1	5	UG/L	U	V1	0.79	1	2920	D&D Bldg 779
00100	11/15/01	GW07855RG	ACETONE	REAL	TR1	10	UG/L	U	V1	1.9	1	3650	D&D Bldg 779
00100	11/15/01	GW07856RG	ACETONE	DUP	TR1	10	UG/L	U	V1	1.9	1	3650	D&D Bldg 779
00100	11/15/01	GW07855RG	BENZENE	REAL	TR1	1	UG/L	U	UJ1	0.21	1	5	D&D Bldg 779
00100	11/15/01	GW07856RG	BENZENE	DUP	TR1	1	UG/L	U	UJ1	0.21	1	5	D&D Bldg 779
00100	11/15/01	GW07855RG	BENZENE, 1,2,4-TRIMETHYL	REAL	TR1	1	UG/L	U	UJ1	0.22	1		D&D Bldg 779
00100	11/15/01	GW07856RG	BENZENE, 1,2,4-TRIMETHYL	DUP	TR1	1	UG/L	U	UJ1	0.22	1		D&D Bldg 779
00100	11/15/01	GW07855RG	BENZENE, 1,3,5-TRIMETHYL-	REAL	TR1	1	UG/L	U	UJ1	0.29	1		D&D Bldg 779
00100	11/15/01	GW07856RG	BENZENE, 1,3,5-TRIMETHYL-	DUP	TR1	1	UG/L	U	UJ1	0.29	1		D&D Bldg 779
00100	11/15/01	GW07855RG	BROMOBENZENE	REAL	TR1	1	UG/L	U	UJ1	0.24	1		D&D Bldg 779
00100	11/15/01	GW07856RG	BROMOBENZENE	DUP	TR1	1	UG/L	U	UJ1	0.24	1		D&D Bldg 779
00100	11/15/01	GW07855RG	BROMOCHLOROMETHANE	REAL	TR1	1	UG/L	U	V1	0.21	1		D&D Bldg 779
00100	11/15/01	GW07856RG	BROMOCHLOROMETHANE	DUP	TR1	1	UG/L	U	V1	0.21	1		D&D Bldg 779
00100	11/15/01	GW07855RG	BROMODICHLOROMETHANE	REAL	TR1	1	UG/L	U	V1	0.22	1	100	D&D Bldg 779
00100	11/15/01	GW07856RG	BROMODICHLOROMETHANE	DUP	TR1	1	UG/L	U	V1	0.22	1	100	D&D Bldg 779
00100	11/15/01	GW07855RG	BROMOFORM	REAL	TR1	1	UG/L	U	V1	0.32	1	100	D&D Bldg 779
00100	11/15/01	GW07856RG	BROMOFORM	DUP	TR1	1	UG/L	U	V1	0.32	1	100	D&D Bldg 779
00100	11/15/01	GW07855RG	BROMOMETHANE	REAL	TR1	1	UG/L	U	V1	0.3	1	51.1	D&D Bldg 779
00100	11/15/01	GW07856RG	BROMOMETHANE	DUP	TR1	1	UG/L	U	V1	0.3	1	51.1	D&D Bldg 779
00100	11/15/01	GW07855RG	CARBON DISULFIDE	REAL	TR1	1	UG/L	U	V1	0.19	1	3650	D&D Bldg 779
00100	11/15/01	GW07856RG	CARBON DISULFIDE	DUP	TR1	1	UG/L	U	V1	0.19	1	3650	D&D Bldg 779
00100	11/15/01	GW07855RG	CARBON TETRACHLORIDE	REAL	TR1	2.4	UG/L		V1	0.19	1	5	D&D Bldg 779
00100	11/15/01	GW07856RG	CARBON TETRACHLORIDE	DUP	TR1	5.7	UG/L		V1	0.19	1	5	D&D Bldg 779
00100	11/15/01	GW07855RG	CHLOROBENZENE	REAL	TR1	1	UG/L	U	UJ1	0.3	1	100	D&D Bldg 779
00100	11/15/01	GW07856RG	CHLOROBENZENE	DUP	TR1	1	UG/L	U	UJ1	0.3	1	100	D&D Bldg 779
00100	11/15/01	GW07855RG	CHLOROETHANE	REAL	TR1	1	UG/L	U	V1	0.25	1	29.4	D&D Bldg 779
00100	11/15/01	GW07856RG	CHLOROETHANE	DUP	TR1	1	UG/L	U	V1	0.25	1	29.4	D&D Bldg 779
00100	11/15/01	GW07855RG	CHLOROFORM	REAL	TR1	3.1	UG/L		V1	0.23	1	100	D&D Bldg 779
00100	11/15/01	GW07856RG	CHLOROFORM	DUP	TR1	5.2	UG/L		V1	0.23	1	100	D&D Bldg 779
00100	11/15/01	GW07855RG	CHLOROMETHANE	REAL	TR1	1	UG/L	U	V1	0.3	1	6.55	D&D Bldg 779
00100	11/15/01	GW07856RG	CHLOROMETHANE	DUP	TR1	1	UG/L	U	V1	0.3	1	6.55	D&D Bldg 779
00100	11/15/01	GW07855RG	cis-1,2-DICHLOROETHENE	REAL	TR1	3.8	UG/L		V1	0.26	1	70	D&D Bldg 779
00100	11/15/01	GW07856RG	cis-1,2-DICHLOROETHENE	DUP	TR1	6.7	UG/L		V1	0.26	1	70	D&D Bldg 779
00100	11/15/01	GW07855RG	cis-1,3-DICHLOROPROPENE	REAL	TR1	1	UG/L	U	V1	0.28	1	0.473	D&D Bldg 779
00100	11/15/01	GW07856RG	cis-1,3-DICHLOROPROPENE	DUP	TR1	1	UG/L	U	V1	0.28	1	0.473	D&D Bldg 779
00100	11/15/01	GW07855RG	DIBROMOCHLOROMETHANE	REAL	TR1	1	UG/L	U	V1	0.38	1	1.01	D&D Bldg 779
00100	11/15/01	GW07856RG	DIBROMOCHLOROMETHANE	DUP	TR1	1	UG/L	U	V1	0.38	1	1.01	D&D Bldg 779
00100	11/15/01	GW07855RG	DIBROMOMETHANE	REAL	TR1	1	UG/L	U	V1	0.44	1		D&D Bldg 779
00100	11/15/01	GW07856RG	DIBROMOMETHANE	DUP	TR1	1	UG/L	U	V1	0.44	1		D&D Bldg 779
00100	11/15/01	GW07855RG	DICHLORODIFLUOROMETHANE	REAL	TR1	40	UG/L		V1	0.23	1		D&D Bldg 779
00100	11/15/01	GW07856RG	DICHLORODIFLUOROMETHANE	DUP	TR1	89	UG/L		V1	0.23	1		D&D Bldg 779
00100	11/15/01	GW07855RG	ETHANE, 1,2-DICHLORO-1,1,2-T (TIC)	REAL	TR1	4.7	UG/L	J	V1		1		D&D Bldg 779
00100	11/15/01	GW07855RG	ETHYLBENZENE	REAL	TR1	1	UG/L	U	UJ1	0.28	1	700	D&D Bldg 779
00100	11/15/01	GW07856RG	ETHYLBENZENE	DUP	TR1	1	UG/L	U	UJ1	0.28	1	700	D&D Bldg 779
00100	11/15/01	GW07855RG	HEXACHLOROBUTADIENE	REAL	TR1	1	UG/L	U	V1	0.29	1	1.09	D&D Bldg 779
00100	11/15/01	GW07856RG	HEXACHLOROBUTADIENE	DUP	TR1	1	UG/L	U	V1	0.29	1	1.09	D&D Bldg 779
00100	11/15/01	GW07855RG	ISOPROPYLBENZENE	REAL	TR1	1	UG/L	U	UJ1	0.31	1		D&D Bldg 779
00100	11/15/01	GW07856RG	ISOPROPYLBENZENE	DUP	TR1	1	UG/L	U	UJ1	0.31	1		D&D Bldg 779
00100	11/15/01	GW07855RG	METHYLENE CHLORIDE	REAL	TR1	2.4	UG/L		V1	0.89	1	5	D&D Bldg 779
00100	11/15/01	GW07856RG	METHYLENE CHLORIDE	DUP	TR1	1	UG/L	U	V1	0.89	1	5	D&D Bldg 779

Appendix A: Groundwater Analytical Data - Dissolved Gasses and Volatile Organic Compounds Fourth Quarter 2001

Location	Sample Date	Sample #	Analyte	QC Type	Result Type	Result	Units	Lab Qual	Valid-ation	Detect Limit	Dilu-tion	Tier II	IMP Well Class
00100	11/15/01	GW07855RG	NAPHTHALENE	REAL	TR1	1	UG/L	U	UJ1	0.15	1	1460	D&D Bldg 779
00100	11/15/01	GW07856RG	NAPHTHALENE	DUP	TR1	1	UG/L	U	UJ1	0.15	1	1460	D&D Bldg 779
00100	11/15/01	GW07855RG	n-BUTYLBENZENE	REAL	TR1	1	UG/L	U	UJ1	0.26	1		D&D Bldg 779
00100	11/15/01	GW07856RG	n-BUTYLBENZENE	DUP	TR1	1	UG/L	U	UJ1	0.26	1		D&D Bldg 779
00100	11/15/01	GW07855RG	n-PROPYLBENZENE	REAL	TR1	1	UG/L	U	UJ1	0.23	1		D&D Bldg 779
00100	11/15/01	GW07856RG	n-PROPYLBENZENE	DUP	TR1	1	UG/L	U	UJ1	0.23	1		D&D Bldg 779
00100	11/15/01	GW07855RG	o-CHLOROTOLUENE	REAL	TR1	1	UG/L	U	UJ1	0.31	1		D&D Bldg 779
00100	11/15/01	GW07856RG	o-CHLOROTOLUENE	DUP	TR1	1	UG/L	U	UJ1	0.31	1		D&D Bldg 779
00100	11/15/01	GW07855RG	p-CHLOROTOLUENE	REAL	TR1	1	UG/L	U	UJ1	0.25	1		D&D Bldg 779
00100	11/15/01	GW07856RG	p-CHLOROTOLUENE	DUP	TR1	1	UG/L	U	UJ1	0.25	1		D&D Bldg 779
00100	11/15/01	GW07855RG	PROPANE, 1,2-DIBROMO-3-CHLORO-	REAL	TR1	1	UG/L	U	V1	0.25	1	0.2	D&D Bldg 779
00100	11/15/01	GW07856RG	PROPANE, 1,2-DIBROMO-3-CHLORO-	DUP	TR1	1	UG/L	U	V1	0.25	1	0.2	D&D Bldg 779
00100	11/15/01	GW07855RG	sec-BUTYLBENZENE	REAL	TR1	1	UG/L	U	UJ1	0.26	1		D&D Bldg 779
00100	11/15/01	GW07856RG	sec-BUTYLBENZENE	DUP	TR1	1	UG/L	U	UJ1	0.26	1		D&D Bldg 779
00100	11/15/01	GW07855RG	STYRENE	REAL	TR1	1	UG/L	U	UJ1	0.27	1	100	D&D Bldg 779
00100	11/15/01	GW07856RG	STYRENE	DUP	TR1	1	UG/L	U	UJ1	0.27	1	100	D&D Bldg 779
00100	11/15/01	GW07855RG	tert-BUTYLBENZENE	REAL	TR1	1	UG/L	U	UJ1	0.29	1		D&D Bldg 779
00100	11/15/01	GW07856RG	tert-BUTYLBENZENE	DUP	TR1	1	UG/L	U	UJ1	0.29	1		D&D Bldg 779
00100	11/15/01	GW07855RG	TETRACHLOROETHENE	REAL	TR1	1.4	UG/L		V1	0.36	1	5	D&D Bldg 779
00100	11/15/01	GW07856RG	TETRACHLOROETHENE	DUP	TR1	3.5	UG/L		V1	0.36	1	5	D&D Bldg 779
00100	11/15/01	GW07855RG	TOLUENE	REAL	TR1	1	UG/L	U	UJ1	0.29	1	1000	D&D Bldg 779
00100	11/15/01	GW07856RG	TOLUENE	DUP	TR1	1	UG/L	U	UJ1	0.29	1	1000	D&D Bldg 779
00100	11/15/01	GW07855RG	TOTAL XYLENES	REAL	TR1	1	UG/L	U	UJ1	0.95	1	10000	D&D Bldg 779
00100	11/15/01	GW07856RG	TOTAL XYLENES	DUP	TR1	1	UG/L	U	UJ1	0.95	1	10000	D&D Bldg 779
00100	11/15/01	GW07855RG	trans-1,2-DICHLOROETHENE	REAL	TR1	0.5	UG/L	U	V1	0.27	1	70	D&D Bldg 779
00100	11/15/01	GW07856RG	trans-1,2-DICHLOROETHENE	DUP	TR1	0.5	UG/L	U	V1	0.27	1	70	D&D Bldg 779
00100	11/15/01	GW07855RG	trans-1,3-DICHLOROPROPENE	REAL	TR1	1	UG/L	U	V1	0.42	1	0.473	D&D Bldg 779
00100	11/15/01	GW07856RG	trans-1,3-DICHLOROPROPENE	DUP	TR1	1	UG/L	U	V1	0.42	1	0.473	D&D Bldg 779
00100	11/15/01	GW07855RG	TRICHLOROETHENE	REAL	TR1	24	UG/L		V1	0.22	1	5	D&D Bldg 779
00100	11/15/01	GW07856RG	TRICHLOROETHENE	DUP	TR1	55	UG/L		V1	0.22	1	5	D&D Bldg 779
00100	11/15/01	GW07855RG	TRICHLOROFLUOROMETHANE	REAL	TR1	1	UG/L	U	V1	0.28	1		D&D Bldg 779
00100	11/15/01	GW07856RG	TRICHLOROFLUOROMETHANE	DUP	TR1	1	UG/L	U	V1	0.28	1		D&D Bldg 779
00100	11/15/01	GW07855RG	VINYL CHLORIDE	REAL	TR1	0.44	UG/L	J	V1	0.21	1	2	D&D Bldg 779
00100	11/15/01	GW07856RG	VINYL CHLORIDE	DUP	TR1	0.76	UG/L	J	V1	0.21	1	2	D&D Bldg 779
00100	11/15/01	GW07857RG	1,1,1,2-TETRACHLOROETHANE	RNS	TR1	1	UG/L	U	V1	0.22	1		D&D Bldg 779
00100	11/15/01	GW07857RG	1,1,1-TRICHLOROETHANE	RNS	TR1	1	UG/L	U	V1	0.26	1	200	D&D Bldg 779
00100	11/15/01	GW07857RG	1,1,2,2-TETRACHLOROETHANE	RNS	TR1	1	UG/L	U	V1	0.31	1	0.426	D&D Bldg 779
00100	11/15/01	GW07857RG	1,1,2-TRICHLOROETHANE	RNS	TR1	1	UG/L	U	V1	0.39	1	5	D&D Bldg 779
00100	11/15/01	GW07857RG	1,1,2-TRICHLOROTRIFLUOROETHANE	RNS	TR1	1	UG/L	U	V1	0.21	1		D&D Bldg 779
00100	11/15/01	GW07857RG	1,1-DICHLOROETHANE	RNS	TR1	1	UG/L	U	V1	0.17	1	3650	D&D Bldg 779
00100	11/15/01	GW07857RG	1,1-DICHLOROETHENE	RNS	TR1	1	UG/L	U	V1	0.2	1	7	D&D Bldg 779
00100	11/15/01	GW07857RG	1,1-DICHLOROPROPENE	RNS	TR1	1	UG/L	U	V1	0.22	1		D&D Bldg 779
00100	11/15/01	GW07857RG	1,2,3-TRICHLOROBENZENE	RNS	TR1	1	UG/L	U	UJ1	0.16	1		D&D Bldg 779
00100	11/15/01	GW07857RG	1,2,3-TRICHLOROPROPANE	RNS	TR1	1	UG/L	U	V1	0.29	1		D&D Bldg 779
00100	11/15/01	GW07857RG	1,2,4-TRICHLOROBENZENE	RNS	TR1	1	UG/L	U	UJ1	0.2	1	70	D&D Bldg 779
00100	11/15/01	GW07857RG	1,2-DIBROMOETHANE	RNS	TR1	1	UG/L	U	V1	0.36	1		D&D Bldg 779
00100	11/15/01	GW07857RG	1,2-DICHLOROBENZENE	RNS	TR1	1	UG/L	U	UJ1	0.24	1	600	D&D Bldg 779
00100	11/15/01	GW07857RG	1,2-DICHLOROETHANE	RNS	TR1	1	UG/L	U	V1	0.28	1	5	D&D Bldg 779
00100	11/15/01	GW07857RG	1,2-DICHLOROPROPANE	RNS	TR1	1	UG/L	U	V1	0.21	1	5	D&D Bldg 779
00100	11/15/01	GW07857RG	1,3-DICHLOROBENZENE	RNS	TR1	1	UG/L	U	UJ1	0.26	1	600	D&D Bldg 779
00100	11/15/01	GW07857RG	1,3-DICHLOROPROPANE	RNS	TR1	1	UG/L	U	V1	0.26	1		D&D Bldg 779
00100	11/15/01	GW07857RG	1,4-DICHLOROBENZENE	RNS	TR1	1	UG/L	U	UJ1	0.24	1	75	D&D Bldg 779
00100	11/15/01	GW07857RG	2,2-DICHLOROPROPANE	RNS	TR1	1	UG/L	U	V1	0.21	1		D&D Bldg 779
00100	11/15/01	GW07857RG	2-BUTANONE	RNS	TR1	5	UG/L	U	UJ1	0.93	1	21900	D&D Bldg 779
00100	11/15/01	GW07857RG	2-HEXANONE	RNS	TR1	5	UG/L	U	UJ1	0.7	1		D&D Bldg 779
00100	11/15/01	GW07857RG	4-ISOPROPYLTOLUENE	RNS	TR1	1	UG/L	U	UJ1	0.3	1		D&D Bldg 779

Appendix A: Groundwater Analytical Data - Dissolved Gasses and Volatile Organic Compounds Fourth Quarter 2001

Location	Sample Date	Sample #	Analyte	QC Type	Result Type	Result	Units	Lab Qual	Valid-ation	Detect Limit	Dilution	Tier II	IMP Well Class
00100	11/15/01	GW07857RG	4-METHYL-2-PENTANONE	RNS	TR1	5	UG/L	U	V1	0.79	1	2920	D&D Bldg 779
00100	11/15/01	GW07857RG	ACETONE	RNS	TR1	10	UG/L	U	V1	1.9	1	3650	D&D Bldg 779
00100	11/15/01	GW07857RG	BENZENE	RNS	TR1	1	UG/L	U	UJ1	0.21	1	5	D&D Bldg 779
00100	11/15/01	GW07857RG	BENZENE, 1,2,4-TRIMETHYL	RNS	TR1	1	UG/L	U	UJ1	0.22	1		D&D Bldg 779
00100	11/15/01	GW07857RG	BENZENE, 1,3,5-TRIMETHYL-	RNS	TR1	1	UG/L	U	UJ1	0.29	1		D&D Bldg 779
00100	11/15/01	GW07857RG	BROMOBENZENE	RNS	TR1	1	UG/L	U	UJ1	0.24	1		D&D Bldg 779
00100	11/15/01	GW07857RG	BROMOCHLOROMETHANE	RNS	TR1	1	UG/L	U	V1	0.21	1		D&D Bldg 779
00100	11/15/01	GW07857RG	BROMODICHLOROMETHANE	RNS	TR1	1	UG/L	U	V1	0.22	1	100	D&D Bldg 779
00100	11/15/01	GW07857RG	BROMOFORM	RNS	TR1	1	UG/L	U	V1	0.32	1	100	D&D Bldg 779
00100	11/15/01	GW07857RG	BROMOMETHANE	RNS	TR1	1	UG/L	U	V1	0.3	1	51.1	D&D Bldg 779
00100	11/15/01	GW07857RG	CARBON DISULFIDE	RNS	TR1	1	UG/L	U	V1	0.19	1	3650	D&D Bldg 779
00100	11/15/01	GW07857RG	CARBON TETRACHLORIDE	RNS	TR1	1	UG/L	U	V1	0.19	1	5	D&D Bldg 779
00100	11/15/01	GW07857RG	CHLOROBENZENE	RNS	TR1	1	UG/L	U	UJ1	0.3	1	100	D&D Bldg 779
00100	11/15/01	GW07857RG	CHLOROETHANE	RNS	TR1	1	UG/L	U	V1	0.25	1	29.4	D&D Bldg 779
00100	11/15/01	GW07857RG	CHLOROFORM	RNS	TR1	1	UG/L	U	V1	0.23	1	100	D&D Bldg 779
00100	11/15/01	GW07857RG	CHLOROMETHANE	RNS	TR1	1	UG/L	U	V1	0.3	1	6.55	D&D Bldg 779
00100	11/15/01	GW07857RG	cis-1,2-DICHLOROETHENE	RNS	TR1	1	UG/L	U	V1	0.26	1	70	D&D Bldg 779
00100	11/15/01	GW07857RG	cis-1,3-DICHLOROPROPENE	RNS	TR1	1	UG/L	U	V1	0.28	1	0.473	D&D Bldg 779
00100	11/15/01	GW07857RG	DIBROMOCHLOROMETHANE	RNS	TR1	1	UG/L	U	V1	0.38	1	1.01	D&D Bldg 779
00100	11/15/01	GW07857RG	DIBROMOMETHANE	RNS	TR1	1	UG/L	U	V1	0.44	1		D&D Bldg 779
00100	11/15/01	GW07857RG	DICHLORODIFLUOROMETHANE	RNS	TR1	1	UG/L	U	V1	0.23	1		D&D Bldg 779
00100	11/15/01	GW07857RG	ETHYLBENZENE	RNS	TR1	1	UG/L	U	UJ1	0.28	1	700	D&D Bldg 779
00100	11/15/01	GW07857RG	HEXACHLOROBUTADIENE	RNS	TR1	1	UG/L	U	V1	0.29	1	1.09	D&D Bldg 779
00100	11/15/01	GW07857RG	ISOPROPYLBENZENE	RNS	TR1	1	UG/L	U	UJ1	0.31	1		D&D Bldg 779
00100	11/15/01	GW07857RG	METHYLENE CHLORIDE	RNS	TR1	1	UG/L	U	V1	0.89	1	5	D&D Bldg 779
00100	11/15/01	GW07857RG	NAPHTHALENE	RNS	TR1	1	UG/L	U	UJ1	0.15	1	1460	D&D Bldg 779
00100	11/15/01	GW07857RG	n-BUTYLBENZENE	RNS	TR1	1	UG/L	U	UJ1	0.26	1		D&D Bldg 779
00100	11/15/01	GW07857RG	n-PROPYLBENZENE	RNS	TR1	1	UG/L	U	UJ1	0.23	1		D&D Bldg 779
00100	11/15/01	GW07857RG	o-CHLOROTOLUENE	RNS	TR1	1	UG/L	U	UJ1	0.31	1		D&D Bldg 779
00100	11/15/01	GW07857RG	p-CHLOROTOLUENE	RNS	TR1	1	UG/L	U	UJ1	0.25	1		D&D Bldg 779
00100	11/15/01	GW07857RG	PROPANE, 1,2-DIBROMO-3-CHLORO-	RNS	TR1	1	UG/L	U	V1	0.25	1	0.2	D&D Bldg 779
00100	11/15/01	GW07857RG	sec-BUTYLBENZENE	RNS	TR1	1	UG/L	U	UJ1	0.26	1		D&D Bldg 779
00100	11/15/01	GW07857RG	STYRENE	RNS	TR1	1	UG/L	U	UJ1	0.27	1	100	D&D Bldg 779
00100	11/15/01	GW07857RG	tert-BUTYLBENZENE	RNS	TR1	1	UG/L	U	UJ1	0.29	1		D&D Bldg 779
00100	11/15/01	GW07857RG	TETRACHLOROETHENE	RNS	TR1	1	UG/L	U	V1	0.36	1	5	D&D Bldg 779
00100	11/15/01	GW07857RG	TOLUENE	RNS	TR1	1	UG/L	U	UJ1	0.29	1	1000	D&D Bldg 779
00100	11/15/01	GW07857RG	TOTAL XYLENES	RNS	TR1	1	UG/L	U	UJ1	0.95	1	10000	D&D Bldg 779
00100	11/15/01	GW07857RG	trans-1,2-DICHLOROETHENE	RNS	TR1	0.5	UG/L	U	V1	0.27	1	70	D&D Bldg 779
00100	11/15/01	GW07857RG	trans-1,3-DICHLOROPROPENE	RNS	TR1	1	UG/L	U	V1	0.42	1	0.473	D&D Bldg 779
00100	11/15/01	GW07857RG	TRICHLOROETHENE	RNS	TR1	1	UG/L	U	V1	0.22	1	5	D&D Bldg 779
00100	11/15/01	GW07857RG	TRICHLOROFLUOROMETHANE	RNS	TR1	1	UG/L	U	V1	0.28	1		D&D Bldg 779
00100	11/15/01	GW07857RG	VINYL CHLORIDE	RNS	TR1	1	UG/L	U	V1	0.21	1	2	D&D Bldg 779
00200	10/18/01	GW07842RG	1,1,1,2-TETRACHLOROETHANE	REAL	TR1	1	UG/L	U	V1	0.22	1		D&D Bldg 707
00200	10/18/01	GW07842RG	1,1,1-TRICHLOROETHANE	REAL	TR1	1	UG/L	U	V1	0.26	1	200	D&D Bldg 707
00200	10/18/01	GW07842RG	1,1,2,2-TETRACHLOROETHANE	REAL	TR1	1	UG/L	U	V1	0.31	1	0.426	D&D Bldg 707
00200	10/18/01	GW07842RG	1,1,2-TRICHLOROETHANE	REAL	TR1	1	UG/L	U	V1	0.39	1	5	D&D Bldg 707
00200	10/18/01	GW07842RG	1,1,2-TRICHLOROTRIFLUOROETHANE	REAL	TR1	1	UG/L	U	V1	0.21	1		D&D Bldg 707
00200	10/18/01	GW07842RG	1,1-DICHLOROETHANE	REAL	TR1	1	UG/L	U	V1	0.17	1	3650	D&D Bldg 707
00200	10/18/01	GW07842RG	1,1-DICHLOROETHENE	REAL	TR1	1	UG/L	U	V1	0.2	1	7	D&D Bldg 707
00200	10/18/01	GW07842RG	1,1-DICHLOROPROPENE	REAL	TR1	1	UG/L	U	V1	0.22	1		D&D Bldg 707
00200	10/18/01	GW07842RG	1,2,3-TRICHLOROBENZENE	REAL	TR1	1	UG/L	U	UJ1	0.16	1		D&D Bldg 707
00200	10/18/01	GW07842RG	1,2,3-TRICHLOROPROPANE	REAL	TR1	1	UG/L	U	V1	0.29	1		D&D Bldg 707
00200	10/18/01	GW07842RG	1,2,4-TRICHLOROBENZENE	REAL	TR1	1	UG/L	U	UJ1	0.2	1	70	D&D Bldg 707
00200	10/18/01	GW07842RG	1,2-DIBROMOETHANE	REAL	TR1	1	UG/L	U	V1	0.36	1		D&D Bldg 707
00200	10/18/01	GW07842RG	1,2-DICHLOROBENZENE	REAL	TR1	1	UG/L	U	UJ1	0.24	1	600	D&D Bldg 707
00200	10/18/01	GW07842RG	1,2-DICHLOROETHANE	REAL	TR1	1	UG/L	U	V1	0.28	1	5	D&D Bldg 707

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Location	Sample Date	Sample #	Analyte	QC Type	Result Type	Result	Units	Lab Qual	Valid-ation	Detect Limit	Dilu-tion	Tier II	IMP Well Class
00200	10/18/01	GW07842RG	1,2-DICHLOROPROPANE	REAL	TR1	1	UG/L	U	V1	0.21	1	5	D&D Bldg 707
00200	10/18/01	GW07842RG	1,3-DICHLOROBENZENE	REAL	TR1	1	UG/L	U	UJ1	0.26	1	600	D&D Bldg 707
00200	10/18/01	GW07842RG	1,3-DICHLOROPROPANE	REAL	TR1	1	UG/L	U	V1	0.26	1		D&D Bldg 707
00200	10/18/01	GW07842RG	1,4-DICHLOROBENZENE	REAL	TR1	1	UG/L	U	UJ1	0.24	1	75	D&D Bldg 707
00200	10/18/01	GW07842RG	2,2-DICHLOROPROPANE	REAL	TR1	1	UG/L	U	V1	0.21	1		D&D Bldg 707
00200	10/18/01	GW07842RG	2-BUTANONE	REAL	TR1	5	UG/L	U	V1	0.93	1	21900	D&D Bldg 707
00200	10/18/01	GW07842RG	2-HEXANONE	REAL	TR1	5	UG/L	U	V1	0.7	1		D&D Bldg 707
00200	10/18/01	GW07842RG	4-ISOPROPYLTOLUENE	REAL	TR1	1	UG/L	U	UJ1	0.3	1		D&D Bldg 707
00200	10/18/01	GW07842RG	4-METHYL-2-PENTANONE	REAL	TR1	5	UG/L	U	V1	0.79	1	2920	D&D Bldg 707
00200	10/18/01	GW07842RG	ACETONE	REAL	TR1	10	UG/L	U	V1	1.9	1	3650	D&D Bldg 707
00200	10/18/01	GW07842RG	BENZENE	REAL	TR1	1	UG/L	U	UJ1	0.21	1	5	D&D Bldg 707
00200	10/18/01	GW07842RG	BENZENE, 1,2,4-TRIMETHYL	REAL	TR1	1	UG/L	U	UJ1	0.22	1		D&D Bldg 707
00200	10/18/01	GW07842RG	BENZENE, 1,3,5-TRIMETHYL-	REAL	TR1	1	UG/L	U	UJ1	0.29	1		D&D Bldg 707
00200	10/18/01	GW07842RG	BROMOBENZENE	REAL	TR1	1	UG/L	U	UJ1	0.24	1		D&D Bldg 707
00200	10/18/01	GW07842RG	BROMOCHLOROMETHANE	REAL	TR1	1	UG/L	U	V1	0.21	1		D&D Bldg 707
00200	10/18/01	GW07842RG	BROMODICHLOROMETHANE	REAL	TR1	1	UG/L	U	V1	0.22	1	100	D&D Bldg 707
00200	10/18/01	GW07842RG	BROMOFORM	REAL	TR1	1	UG/L	U	V1	0.32	1	100	D&D Bldg 707
00200	10/18/01	GW07842RG	BROMOMETHANE	REAL	TR1	1	UG/L	U	V1	0.3	1	51.1	D&D Bldg 707
00200	10/18/01	GW07842RG	CARBON DISULFIDE	REAL	TR1	1	UG/L	U	V1	0.19	1	3650	D&D Bldg 707
00200	10/18/01	GW07842RG	CARBON TETRACHLORIDE	REAL	TR1	1	UG/L	U	V1	0.19	1	5	D&D Bldg 707
00200	10/18/01	GW07842RG	CHLOROBENZENE	REAL	TR1	1	UG/L	U	UJ1	0.3	1	100	D&D Bldg 707
00200	10/18/01	GW07842RG	CHLOROETHANE	REAL	TR1	1	UG/L	U	V1	0.25	1	29.4	D&D Bldg 707
00200	10/18/01	GW07842RG	CHLOROFORM	REAL	TR1	1	UG/L	U	V1	0.23	1	100	D&D Bldg 707
00200	10/18/01	GW07842RG	CHLOROMETHANE	REAL	TR1	1	UG/L	U	V1	0.3	1	6.55	D&D Bldg 707
00200	10/18/01	GW07842RG	cis-1,2-DICHLOROETHENE	REAL	TR1	1	UG/L	U	V1	0.26	1	70	D&D Bldg 707
00200	10/18/01	GW07842RG	cis-1,3-DICHLOROPROPENE	REAL	TR1	1	UG/L	U	V1	0.28	1	0.473	D&D Bldg 707
00200	10/18/01	GW07842RG	DIBROMOCHLOROMETHANE	REAL	TR1	1	UG/L	U	V1	0.38	1	1.01	D&D Bldg 707
00200	10/18/01	GW07842RG	DIBROMOMETHANE	REAL	TR1	1	UG/L	U	V1	0.44	1		D&D Bldg 707
00200	10/18/01	GW07842RG	DICHLORODIFLUOROMETHANE	REAL	TR1	1	UG/L	U	V1	0.23	1		D&D Bldg 707
00200	10/18/01	GW07842RG	ETHYLBENZENE	REAL	TR1	1	UG/L	U	UJ1	0.28	1	700	D&D Bldg 707
00200	10/18/01	GW07842RG	HEXACHLOROBUTADIENE	REAL	TR1	1	UG/L	U	V1	0.29	1	1.09	D&D Bldg 707
00200	10/18/01	GW07842RG	ISOPROPYLBENZENE	REAL	TR1	1	UG/L	U	UJ1	0.31	1		D&D Bldg 707
00200	10/18/01	GW07842RG	METHYLENE CHLORIDE	REAL	TR1	1	UG/L	U	V1	0.89	1	5	D&D Bldg 707
00200	10/18/01	GW07842RG	NAPHTHALENE	REAL	TR1	1	UG/L	U	UJ1	0.15	1	1460	D&D Bldg 707
00200	10/18/01	GW07842RG	n-BUTYLBENZENE	REAL	TR1	1	UG/L	U	UJ1	0.26	1		D&D Bldg 707
00200	10/18/01	GW07842RG	n-PROPYLBENZENE	REAL	TR1	1	UG/L	U	UJ1	0.23	1		D&D Bldg 707
00200	10/18/01	GW07842RG	o-CHLOROTOLUENE	REAL	TR1	1	UG/L	U	UJ1	0.31	1		D&D Bldg 707
00200	10/18/01	GW07842RG	p-CHLOROTOLUENE	REAL	TR1	1	UG/L	U	UJ1	0.25	1		D&D Bldg 707
00200	10/18/01	GW07842RG	PROPANE, 1,2-DIBROMO-3-CHLORO-	REAL	TR1	1	UG/L	U	V1	0.25	1	0.2	D&D Bldg 707
00200	10/18/01	GW07842RG	PROPANOIC ACID, (TIC)	REAL	TR1	2.4	UG/L	J	V1		1		D&D Bldg 707
00200	10/18/01	GW07842RG	sec-BUTYLBENZENE	REAL	TR1	1	UG/L	U	UJ1	0.26	1		D&D Bldg 707
00200	10/18/01	GW07842RG	STYRENE	REAL	TR1	1	UG/L	U	UJ1	0.27	1	100	D&D Bldg 707
00200	10/18/01	GW07842RG	tert-BUTYLBENZENE	REAL	TR1	1	UG/L	U	UJ1	0.29	1		D&D Bldg 707
00200	10/18/01	GW07842RG	TETRACHLOROETHENE	REAL	TR1	1	UG/L	U	V1	0.36	1	5	D&D Bldg 707
00200	10/18/01	GW07842RG	TOLUENE	REAL	TR1	1	UG/L	U	UJ1	0.29	1	1000	D&D Bldg 707
00200	10/18/01	GW07842RG	TOTAL XYLENES	REAL	TR1	1	UG/L	U	UJ1	0.95	1	10000	D&D Bldg 707
00200	10/18/01	GW07842RG	trans-1,2-DICHLOROETHENE	REAL	TR1	0.5	UG/L	U	V1	0.27	1	70	D&D Bldg 707
00200	10/18/01	GW07842RG	trans-1,3-DICHLOROPROPENE	REAL	TR1	1	UG/L	U	V1	0.42	1	0.473	D&D Bldg 707
00200	10/18/01	GW07842RG	TRICHLOROETHENE	REAL	TR1	1	UG/L	U	V1	0.22	1	5	D&D Bldg 707
00200	10/18/01	GW07842RG	TRICHLOROFLUOROMETHANE	REAL	TR1	1	UG/L	U	V1	0.28	1		D&D Bldg 707
00200	10/18/01	GW07842RG	VINYL CHLORIDE	REAL	TR1	1	UG/L	U	V1	0.21	1	2	D&D Bldg 707
00300	10/10/01	GW07843RG	1,1,1,2-TETRACHLOROETHANE	REAL	TR1	1	UG/L	U	V1	0.22	1		D&D Bldg 707
00300	10/10/01	GW07843RG	1,1,1-TRICHLOROETHANE	REAL	TR1	1	UG/L	U	V1	0.26	1	200	D&D Bldg 707
00300	10/10/01	GW07843RG	1,1,2,2-TETRACHLOROETHANE	REAL	TR1	1	UG/L	U	V1	0.31	1	0.426	D&D Bldg 707
00300	10/10/01	GW07843RG	1,1,2-TRICHLOROETHANE	REAL	TR1	1	UG/L	U	V1	0.39	1	5	D&D Bldg 707
00300	10/10/01	GW07843RG	1,1,2-TRICHLOROTRIFLUOROETHANE	REAL	TR1	1	UG/L	U	V1	0.21	1		D&D Bldg 707

(TIC) = Tentatively Identified Compound

Appendix A: Groundwater Analytical Data - Dissolved Gasses and Volatile Organic Compounds Fourth Quarter 2001

Location	Sample Date	Sample #	Analyte	QC Type	Result Type	Result	Units	Lab Qual	Valid-ation	Detect Limit	Dilu-tion	Tier II	IMP Well Class
00300	10/10/01	GW07843RG	1,1-DICHLOROETHANE	REAL	TR1	0.32	UG/L	J	V1	0.17	1	3650	D&D Bldg 707
00300	10/10/01	GW07843RG	1,1-DICHLOROETHENE	REAL	TR1	0.21	UG/L	J	V1	0.2	1	7	D&D Bldg 707
00300	10/10/01	GW07843RG	1,1-DICHLOROPROPENE	REAL	TR1	1	UG/L	U	V1	0.22	1		D&D Bldg 707
00300	10/10/01	GW07843RG	1,2,3-TRICHLOROBENZENE	REAL	TR1	1	UG/L	U	V1	0.16	1		D&D Bldg 707
00300	10/10/01	GW07843RG	1,2,3-TRICHLOROPROPANE	REAL	TR1	1	UG/L	U	V1	0.29	1		D&D Bldg 707
00300	10/10/01	GW07843RG	1,2,4-TRICHLOROBENZENE	REAL	TR1	1	UG/L	U	V1	0.2	1	70	D&D Bldg 707
00300	10/10/01	GW07843RG	1,2-DIBROMOETHANE	REAL	TR1	1	UG/L	U	V1	0.36	1		D&D Bldg 707
00300	10/10/01	GW07843RG	1,2-DICHLOROBENZENE	REAL	TR1	1	UG/L	U	V1	0.24	1	600	D&D Bldg 707
00300	10/10/01	GW07843RG	1,2-DICHLOROETHANE	REAL	TR1	1	UG/L	U	V1	0.28	1	5	D&D Bldg 707
00300	10/10/01	GW07843RG	1,2-DICHLOROPROPANE	REAL	TR1	1	UG/L	U	V1	0.21	1	5	D&D Bldg 707
00300	10/10/01	GW07843RG	1,3-DICHLOROBENZENE	REAL	TR1	1	UG/L	U	V1	0.26	1	600	D&D Bldg 707
00300	10/10/01	GW07843RG	1,3-DICHLOROPROPANE	REAL	TR1	1	UG/L	U	V1	0.26	1		D&D Bldg 707
00300	10/10/01	GW07843RG	1,4-DICHLOROBENZENE	REAL	TR1	1	UG/L	U	V1	0.24	1	75	D&D Bldg 707
00300	10/10/01	GW07843RG	2,2-DICHLOROPROPANE	REAL	TR1	1	UG/L	U	V1	0.21	1		D&D Bldg 707
00300	10/10/01	GW07843RG	2-BUTANONE	REAL	TR1	5	UG/L	U	V1	0.93	1	21900	D&D Bldg 707
00300	10/10/01	GW07843RG	2-HEXANONE	REAL	TR1	5	UG/L	U	V1	0.7	1		D&D Bldg 707
00300	10/10/01	GW07843RG	4-ISOPROPYLTOLUENE	REAL	TR1	1	UG/L	U	V1	0.3	1		D&D Bldg 707
00300	10/10/01	GW07843RG	4-METHYL-2-PENTANONE	REAL	TR1	5	UG/L	U	V1	0.79	1	2920	D&D Bldg 707
00300	10/10/01	GW07843RG	ACETONE	REAL	TR1	10	UG/L	U	V1	1.9	1	3650	D&D Bldg 707
00300	10/10/01	GW07843RG	BENZENE	REAL	TR1	1	UG/L	U	V1	0.21	1	5	D&D Bldg 707
00300	10/10/01	GW07843RG	BENZENE, 1,2,4-TRIMETHYL	REAL	TR1	1	UG/L	U	V1	0.22	1		D&D Bldg 707
00300	10/10/01	GW07843RG	BENZENE, 1,3,5-TRIMETHYL-	REAL	TR1	1	UG/L	U	V1	0.29	1		D&D Bldg 707
00300	10/10/01	GW07843RG	BROMOBENZENE	REAL	TR1	1	UG/L	U	V1	0.24	1		D&D Bldg 707
00300	10/10/01	GW07843RG	BROMOCHLOROMETHANE	REAL	TR1	1	UG/L	U	V1	0.21	1		D&D Bldg 707
00300	10/10/01	GW07843RG	BROMODICHLOROMETHANE	REAL	TR1	1	UG/L	U	V1	0.22	1	100	D&D Bldg 707
00300	10/10/01	GW07843RG	BROMOFORM	REAL	TR1	1	UG/L	U	V1	0.32	1	100	D&D Bldg 707
00300	10/10/01	GW07843RG	BROMOMETHANE	REAL	TR1	1	UG/L	U	V1	0.3	1	51.1	D&D Bldg 707
00300	10/10/01	GW07843RG	CARBON DISULFIDE	REAL	TR1	0.21	UG/L	J	V1	0.19	1	3650	D&D Bldg 707
00300	10/10/01	GW07843RG	CARBON TETRACHLORIDE	REAL	TR1	1	UG/L	U	V1	0.19	1	5	D&D Bldg 707
00300	10/10/01	GW07843RG	CHLOROBENZENE	REAL	TR1	1	UG/L	U	V1	0.3	1	100	D&D Bldg 707
00300	10/10/01	GW07843RG	CHLOROETHANE	REAL	TR1	1	UG/L	U	V1	0.25	1	29.4	D&D Bldg 707
00300	10/10/01	GW07843RG	CHLOROFORM	REAL	TR1	1	UG/L	U	V1	0.23	1	100	D&D Bldg 707
00300	10/10/01	GW07843RG	CHLOROMETHANE	REAL	TR1	1	UG/L	U	V1	0.3	1	6.55	D&D Bldg 707
00300	10/10/01	GW07843RG	cis-1,2-DICHLOROETHENE	REAL	TR1	1.5	UG/L		V1	0.26	1	70	D&D Bldg 707
00300	10/10/01	GW07843RG	cis-1,3-DICHLOROPROPENE	REAL	TR1	1	UG/L	U	V1	0.28	1	0.473	D&D Bldg 707
00300	10/10/01	GW07843RG	DIBROMOCHLOROMETHANE	REAL	TR1	1	UG/L	U	V1	0.38	1	1.01	D&D Bldg 707
00300	10/10/01	GW07843RG	DIBROMOMETHANE	REAL	TR1	1	UG/L	U	V1	0.44	1		D&D Bldg 707
00300	10/10/01	GW07843RG	DICHLORODIFLUOROMETHANE	REAL	TR1	1	UG/L	U	V1	0.23	1		D&D Bldg 707
00300	10/10/01	GW07843RG	DODECANE, 2,6,10-TRIMETHYL- (TIC)	REAL	TR1	2.4	UG/L	J	V1		1		D&D Bldg 707
00300	10/10/01	GW07843RG	ETHYLBENZENE	REAL	TR1	1	UG/L	U	V1	0.28	1	700	D&D Bldg 707
00300	10/10/01	GW07843RG	HEXACHLOROBUTADIENE	REAL	TR1	1	UG/L	U	V1	0.29	1	1.09	D&D Bldg 707
00300	10/10/01	GW07843RG	ISOPROPYLBENZENE	REAL	TR1	1	UG/L	U	V1	0.31	1		D&D Bldg 707
00300	10/10/01	GW07843RG	METHYLENE CHLORIDE	REAL	TR1	1	UG/L	U	V1	0.89	1	5	D&D Bldg 707
00300	10/10/01	GW07843RG	NAPHTHALENE	REAL	TR1	1	UG/L	U	V1	0.15	1	1460	D&D Bldg 707
00300	10/10/01	GW07843RG	n-BUTYLBENZENE	REAL	TR1	1	UG/L	U	V1	0.26	1		D&D Bldg 707
00300	10/10/01	GW07843RG	n-PROPYLBENZENE	REAL	TR1	1	UG/L	U	V1	0.23	1		D&D Bldg 707
00300	10/10/01	GW07843RG	o-CHLOROTOLUENE	REAL	TR1	1	UG/L	U	V1	0.31	1		D&D Bldg 707
00300	10/10/01	GW07843RG	p-CHLOROTOLUENE	REAL	TR1	1	UG/L	U	V1	0.25	1		D&D Bldg 707
00300	10/10/01	GW07843RG	PROPANE, 1,2-DIBROMO-3-CHLORO-	REAL	TR1	1	UG/L	U	V1	0.25	1	0.2	D&D Bldg 707
00300	10/10/01	GW07843RG	sec-BUTYLBENZENE	REAL	TR1	1	UG/L	U	V1	0.26	1		D&D Bldg 707
00300	10/10/01	GW07843RG	STYRENE	REAL	TR1	1	UG/L	U	V1	0.27	1	100	D&D Bldg 707
00300	10/10/01	GW07843RG	tert-BUTYLBENZENE	REAL	TR1	1	UG/L	U	V1	0.29	1		D&D Bldg 707
00300	10/10/01	GW07843RG	TETRACHLOROETHENE	REAL	TR1	1	UG/L	U	V1	0.36	1	5	D&D Bldg 707
00300	10/10/01	GW07843RG	TOLUENE	REAL	TR1	1	UG/L	U	V1	0.29	1	1000	D&D Bldg 707
00300	10/10/01	GW07843RG	TOTAL XYLENES	REAL	TR1	1	UG/L	U	V1	0.95	1	10000	D&D Bldg 707
00300	10/10/01	GW07843RG	trans-1,2-DICHLOROETHENE	REAL	TR1	0.5	UG/L	U	V1	0.27	1	70	D&D Bldg 707



Appendix A: Groundwater Analytical Data - Dissolved Gasses and Volatile Organic Compounds Fourth Quarter 2001

Location	Sample Date	Sample #	Analyte	QC Type	Result Type	Result	Units	Lab Qual	Valid-ation	Detect Limit	Dilu-tion	Tier II	IMP Well Class
00300	10/10/01	GW07843RG	trans-1,3-DICHLOROPROPENE	REAL	TR1	1	UG/L	U	V1	0.42	1	0.473	D&D Bldg 707
00300	10/10/01	GW07843RG	TRICHLOROETHENE	REAL	TR1	5.8	UG/L		V1	0.22	1	5	D&D Bldg 707
00300	10/10/01	GW07843RG	TRICHLOROFLUOROMETHANE	REAL	TR1	1	UG/L	U	V1	0.28	1		D&D Bldg 707
00300	10/10/01	GW07843RG	UNDECANE, 2,6-DIMETHYL- (TIC)	REAL	TR1	1.5	UG/L	J	V1		1		D&D Bldg 707
00300	10/10/01	GW07843RG	VINYL CHLORIDE	REAL	TR1	1	UG/L	U	V1	0.21	1	2	D&D Bldg 707
00400	11/27/01	GW07848RG	1,1,1,2-TETRACHLOROETHANE	REAL	TR1	1	UG/L	U	V1	0.22	1		D&D Bldg 776/777
00400	11/27/01	GW07848RG	1,1,1-TRICHLOROETHANE	REAL	TR1	1	UG/L	U	V1	0.26	1	200	D&D Bldg 776/777
00400	11/27/01	GW07848RG	1,1,2,2-TETRACHLOROETHANE	REAL	TR1	1	UG/L	U	V1	0.31	1	0.426	D&D Bldg 776/777
00400	11/27/01	GW07848RG	1,1,2-TRICHLOROETHANE	REAL	TR1	1	UG/L	U	V1	0.39	1	5	D&D Bldg 776/777
00400	11/27/01	GW07848RG	1,1,2-TRICHLOROTRIFLUOROETHANE	REAL	TR1	1	UG/L	U	V1	0.21	1		D&D Bldg 776/777
00400	11/27/01	GW07848RG	1,1-DICHLOROETHANE	REAL	TR1	1	UG/L	U	V1	0.17	1	3650	D&D Bldg 776/777
00400	11/27/01	GW07848RG	1,1-DICHLOROETHENE	REAL	TR1	1	UG/L	U	V1	0.2	1	7	D&D Bldg 776/777
00400	11/27/01	GW07848RG	1,1-DICHLOROPROPENE	REAL	TR1	1	UG/L	U	V1	0.22	1		D&D Bldg 776/777
00400	11/27/01	GW07848RG	1,2,3-TRICHLOROBENZENE	REAL	TR1	1	UG/L	U	UJ1	0.16	1		D&D Bldg 776/777
00400	11/27/01	GW07848RG	1,2,3-TRICHLOROPROPANE	REAL	TR1	1	UG/L	U	V1	0.29	1		D&D Bldg 776/777
00400	11/27/01	GW07848RG	1,2,4-TRICHLOROBENZENE	REAL	TR1	1	UG/L	U	UJ1	0.2	1	70	D&D Bldg 776/777
00400	11/27/01	GW07848RG	1,2-DIBROMOETHANE	REAL	TR1	1	UG/L	U	V1	0.36	1		D&D Bldg 776/777
00400	11/27/01	GW07848RG	1,2-DICHLOROBENZENE	REAL	TR1	1	UG/L	U	UJ1	0.24	1	600	D&D Bldg 776/777
00400	11/27/01	GW07848RG	1,2-DICHLOROETHANE	REAL	TR1	1	UG/L	U	V1	0.28	1	5	D&D Bldg 776/777
00400	11/27/01	GW07848RG	1,2-DICHLOROPROPANE	REAL	TR1	1	UG/L	U	V1	0.21	1	5	D&D Bldg 776/777
00400	11/27/01	GW07848RG	1,3-DICHLOROBENZENE	REAL	TR1	1	UG/L	U	UJ1	0.26	1	600	D&D Bldg 776/777
00400	11/27/01	GW07848RG	1,3-DICHLOROPROPANE	REAL	TR1	1	UG/L	U	V1	0.26	1		D&D Bldg 776/777
00400	11/27/01	GW07848RG	1,4-DICHLOROBENZENE	REAL	TR1	1	UG/L	U	UJ1	0.24	1	75	D&D Bldg 776/777
00400	11/27/01	GW07848RG	2,2-DICHLOROPROPANE	REAL	TR1	1	UG/L	U	V1	0.21	1		D&D Bldg 776/777
00400	11/27/01	GW07848RG	2-BUTANONE	REAL	TR1	5	UG/L	U	V1	0.93	1	21900	D&D Bldg 776/777
00400	11/27/01	GW07848RG	2-HEXANONE	REAL	TR1	5	UG/L	U	V1	0.7	1		D&D Bldg 776/777
00400	11/27/01	GW07848RG	4-ISOPROPYLTOLUENE	REAL	TR1	1	UG/L	U	UJ1	0.3	1		D&D Bldg 776/777
00400	11/27/01	GW07848RG	4-METHYL-2-PENTANONE	REAL	TR1	5	UG/L	U	V1	0.79	1	2920	D&D Bldg 776/777
00400	11/27/01	GW07848RG	ACETONE	REAL	TR1	10	UG/L	U	V1	1.9	1	3650	D&D Bldg 776/777
00400	11/27/01	GW07848RG	BENZENE	REAL	TR1	1	UG/L	U	UJ1	0.21	1	5	D&D Bldg 776/777
00400	11/27/01	GW07848RG	BENZENE, 1,2,4-TRIMETHYL	REAL	TR1	1	UG/L	U	UJ1	0.22	1		D&D Bldg 776/777
00400	11/27/01	GW07848RG	BENZENE, 1,3,5-TRIMETHYL-	REAL	TR1	1	UG/L	U	UJ1	0.29	1		D&D Bldg 776/777
00400	11/27/01	GW07848RG	BROMOBENZENE	REAL	TR1	1	UG/L	U	UJ1	0.24	1		D&D Bldg 776/777
00400	11/27/01	GW07848RG	BROMOCHLOROMETHANE	REAL	TR1	1	UG/L	U	V1	0.21	1		D&D Bldg 776/777
00400	11/27/01	GW07848RG	BROMODICHLOROMETHANE	REAL	TR1	1	UG/L	U	V1	0.22	1	100	D&D Bldg 776/777
00400	11/27/01	GW07848RG	BROMOFORM	REAL	TR1	1	UG/L	U	V1	0.32	1	100	D&D Bldg 776/777
00400	11/27/01	GW07848RG	BROMOMETHANE	REAL	TR1	1	UG/L	U	UJ1	0.3	1	51.1	D&D Bldg 776/777
00400	11/27/01	GW07848RG	CARBON DISULFIDE	REAL	TR1	1	UG/L	U	V1	0.19	1	3650	D&D Bldg 776/777
00400	11/27/01	GW07848RG	CARBON TETRACHLORIDE	REAL	TR1	1	UG/L	U	V1	0.19	1	5	D&D Bldg 776/777
00400	11/27/01	GW07848RG	CHLOROBENZENE	REAL	TR1	1	UG/L	U	UJ1	0.3	1	100	D&D Bldg 776/777
00400	11/27/01	GW07848RG	CHLOROETHANE	REAL	TR1	1	UG/L	U	V1	0.25	1	29.4	D&D Bldg 776/777
00400	11/27/01	GW07848RG	CHLOROFORM	REAL	TR1	1	UG/L	U	V1	0.23	1	100	D&D Bldg 776/777
00400	11/27/01	GW07848RG	CHLOROMETHANE	REAL	TR1	1	UG/L	U	V1	0.3	1	6.55	D&D Bldg 776/777
00400	11/27/01	GW07848RG	cis-1,2-DICHLOROETHENE	REAL	TR1	1	UG/L	U	V1	0.26	1	70	D&D Bldg 776/777
00400	11/27/01	GW07848RG	cis-1,3-DICHLOROPROPENE	REAL	TR1	1	UG/L	U	V1	0.28	1	0.473	D&D Bldg 776/777
00400	11/27/01	GW07848RG	DIBROMOCHLOROMETHANE	REAL	TR1	1	UG/L	U	V1	0.38	1	1.01	D&D Bldg 776/777
00400	11/27/01	GW07848RG	DIBROMOMETHANE	REAL	TR1	1	UG/L	U	V1	0.44	1		D&D Bldg 776/777
00400	11/27/01	GW07848RG	DICHLORODIFLUOROMETHANE	REAL	TR1	1	UG/L	U	V1	0.23	1		D&D Bldg 776/777
00400	11/27/01	GW07848RG	ETHYLBENZENE	REAL	TR1	1	UG/L	U	UJ1	0.28	1	700	D&D Bldg 776/777
00400	11/27/01	GW07848RG	HEXACHLOROBUTADIENE	REAL	TR1	1	UG/L	U	V1	0.29	1	1.09	D&D Bldg 776/777
00400	11/27/01	GW07848RG	ISOPROPYLBENZENE	REAL	TR1	1	UG/L	U	UJ1	0.31	1		D&D Bldg 776/777
00400	11/27/01	GW07848RG	METHYLENE CHLORIDE	REAL	TR1	1	UG/L	U	V1	0.89	1	5	D&D Bldg 776/777
00400	11/27/01	GW07848RG	NAPHTHALENE	REAL	TR1	1	UG/L	U	UJ1	0.15	1	1460	D&D Bldg 776/777
00400	11/27/01	GW07848RG	n-BUTYLBENZENE	REAL	TR1	1	UG/L	U	UJ1	0.26	1		D&D Bldg 776/777
00400	11/27/01	GW07848RG	n-PROPYLBENZENE	REAL	TR1	1	UG/L	U	UJ1	0.23	1		D&D Bldg 776/777
00400	11/27/01	GW07848RG	o-CHLOROTOLUENE	REAL	TR1	1	UG/L	U	UJ1	0.31	1		D&D Bldg 776/777

Appendix A: Groundwater Analytical Data - Dissolved Gasses and Volatile Organic Compounds Fourth Quarter 2001

Location	Sample Date	Sample #	Analyte	QC Type	Result Type	Result	Units	Lab Qual	Valid-ation	Detect Limit	Dilu-tion	Tier II	IMP Well Class
00400	11/27/01	GW07848RG	p-CHLOROTOLUENE	REAL	TR1	1	UG/L	U	UJ1	0.25	1		D&D Bldg 776/777
00400	11/27/01	GW07848RG	PROPANE, 1,2-DIBROMO-3-CHLORO-	REAL	TR1	1	UG/L	U	V1	0.25	1	0.2	D&D Bldg 776/777
00400	11/27/01	GW07848RG	sec-BUTYLBENZENE	REAL	TR1	1	UG/L	U	UJ1	0.26	1		D&D Bldg 776/777
00400	11/27/01	GW07848RG	STYRENE	REAL	TR1	1	UG/L	U	UJ1	0.27	1	100	D&D Bldg 776/777
00400	11/27/01	GW07848RG	tert-BUTYLBENZENE	REAL	TR1	1	UG/L	U	UJ1	0.29	1		D&D Bldg 776/777
00400	11/27/01	GW07848RG	TETRACHLOROETHENE	REAL	TR1	1	UG/L	U	V1	0.36	1	5	D&D Bldg 776/777
00400	11/27/01	GW07848RG	TOLUENE	REAL	TR1	1	UG/L	U	UJ1	0.29	1	1000	D&D Bldg 776/777
00400	11/27/01	GW07848RG	TOTAL XYLENES	REAL	TR1	1	UG/L	U	UJ1	0.95	1	10000	D&D Bldg 776/777
00400	11/27/01	GW07848RG	trans-1,2-DICHLOROETHENE	REAL	TR1	0.5	UG/L	U	V1	0.27	1	70	D&D Bldg 776/777
00400	11/27/01	GW07848RG	trans-1,3-DICHLOROPROPENE	REAL	TR1	1	UG/L	U	V1	0.42	1	0.473	D&D Bldg 776/777
00400	11/27/01	GW07848RG	TRICHLOROETHENE	REAL	TR1	0.5	UG/L	J	V1	0.22	1	5	D&D Bldg 776/777
00400	11/27/01	GW07848RG	TRICHLOROFLUOROMETHANE	REAL	TR1	1	UG/L	U	V1	0.28	1		D&D Bldg 776/777
00400	11/27/01	GW07848RG	VINYL CHLORIDE	REAL	TR1	1	UG/L	U	V1	0.21	1	2	D&D Bldg 776/777
00500	11/12/01	GW07849RG	1,1,1,2-TETRACHLOROETHANE	REAL	TR1	1	UG/L	U	V1	0.22	1		D&D Bldg 776/777
00500	11/12/01	GW07849RG	1,1,1-TRICHLOROETHANE	REAL	TR1	1	UG/L	U	V1	0.26	1	200	D&D Bldg 776/777
00500	11/12/01	GW07849RG	1,1,2,2-TETRACHLOROETHANE	REAL	TR1	1	UG/L	U	V1	0.31	1	0.426	D&D Bldg 776/777
00500	11/12/01	GW07849RG	1,1,2-TRICHLOROETHANE	REAL	TR1	1	UG/L	U	V1	0.39	1	5	D&D Bldg 776/777
00500	11/12/01	GW07849RG	1,1,2-TRICHLOROTRIFLUOROETHANE	REAL	TR1	1	UG/L	U	V1	0.21	1		D&D Bldg 776/777
00500	11/12/01	GW07849RG	1,1-DICHLOROETHANE	REAL	TR1	0.85	UG/L	J	V1	0.17	1	3650	D&D Bldg 776/777
00500	11/12/01	GW07849RG	1,1-DICHLOROETHENE	REAL	TR1	0.44	UG/L	J	V1	0.2	1	7	D&D Bldg 776/777
00500	11/12/01	GW07849RG	1,1-DICHLOROPROPENE	REAL	TR1	1	UG/L	U	V1	0.22	1		D&D Bldg 776/777
00500	11/12/01	GW07849RG	1,2,3-TRICHLOROBENZENE	REAL	TR1	1	UG/L	U	UJ1	0.16	1		D&D Bldg 776/777
00500	11/12/01	GW07849RG	1,2,3-TRICHLOROPROPANE	REAL	TR1	1	UG/L	U	V1	0.29	1		D&D Bldg 776/777
00500	11/12/01	GW07849RG	1,2,4-TRICHLOROBENZENE	REAL	TR1	1	UG/L	U	UJ1	0.2	1	70	D&D Bldg 776/777
00500	11/12/01	GW07849RG	1,2-DIBROMOETHANE	REAL	TR1	1	UG/L	U	V1	0.36	1		D&D Bldg 776/777
00500	11/12/01	GW07849RG	1,2-DICHLOROBENZENE	REAL	TR1	1	UG/L	U	V1	0.24	1	600	D&D Bldg 776/777
00500	11/12/01	GW07849RG	1,2-DICHLOROETHANE	REAL	TR1	1	UG/L	U	V1	0.28	1	5	D&D Bldg 776/777
00500	11/12/01	GW07849RG	1,2-DICHLOROPROPANE	REAL	TR1	1	UG/L	U	V1	0.21	1	5	D&D Bldg 776/777
00500	11/12/01	GW07849RG	1,3-DICHLOROBENZENE	REAL	TR1	1	UG/L	U	V1	0.26	1	600	D&D Bldg 776/777
00500	11/12/01	GW07849RG	1,3-DICHLOROPROPANE	REAL	TR1	1	UG/L	U	V1	0.26	1		D&D Bldg 776/777
00500	11/12/01	GW07849RG	1,4-DICHLOROBENZENE	REAL	TR1	1	UG/L	U	V1	0.24	1	75	D&D Bldg 776/777
00500	11/12/01	GW07849RG	2,2-DICHLOROPROPANE	REAL	TR1	1	UG/L	U	V1	0.21	1		D&D Bldg 776/777
00500	11/12/01	GW07849RG	2-BUTANONE	REAL	TR1	5	UG/L	U	V1	0.93	1	21900	D&D Bldg 776/777
00500	11/12/01	GW07849RG	2-HEXANONE	REAL	TR1	5	UG/L	U	V1	0.7	1		D&D Bldg 776/777
00500	11/12/01	GW07849RG	4-ISOPROPYLTOLUENE	REAL	TR1	1	UG/L	U	V1	0.3	1		D&D Bldg 776/777
00500	11/12/01	GW07849RG	4-METHYL-2-PENTANONE	REAL	TR1	5	UG/L	U	V1	0.79	1	2920	D&D Bldg 776/777
00500	11/12/01	GW07849RG	ACETONE	REAL	TR1	10	UG/L	U	V1	1.9	1	3650	D&D Bldg 776/777
00500	11/12/01	GW07849RG	BENZENE	REAL	TR1	1	UG/L	U	V1	0.21	1	5	D&D Bldg 776/777
00500	11/12/01	GW07849RG	BENZENE, 1,2,4-TRIMETHYL	REAL	TR1	1	UG/L	U	V1	0.22	1		D&D Bldg 776/777
00500	11/12/01	GW07849RG	BENZENE, 1,3,5-TRIMETHYL-	REAL	TR1	1	UG/L	U	V1	0.29	1		D&D Bldg 776/777
00500	11/12/01	GW07849RG	BROMOBENZENE	REAL	TR1	1	UG/L	U	V1	0.24	1		D&D Bldg 776/777
00500	11/12/01	GW07849RG	BROMOCHLOROMETHANE	REAL	TR1	1	UG/L	U	V1	0.21	1		D&D Bldg 776/777
00500	11/12/01	GW07849RG	BROMODICHLOROMETHANE	REAL	TR1	1	UG/L	U	V1	0.22	1	100	D&D Bldg 776/777
00500	11/12/01	GW07849RG	BROMOFORM	REAL	TR1	1	UG/L	U	V1	0.32	1	100	D&D Bldg 776/777
00500	11/12/01	GW07849RG	BROMOMETHANE	REAL	TR1	1	UG/L	U	V1	0.3	1	51.1	D&D Bldg 776/777
00500	11/12/01	GW07849RG	CARBON DISULFIDE	REAL	TR1	1	UG/L	U	V1	0.19	1	3650	D&D Bldg 776/777
00500	11/12/01	GW07849RG	CARBON TETRACHLORIDE	REAL	TR1	1	UG/L	U	V1	0.19	1	5	D&D Bldg 776/777
00500	11/12/01	GW07849RG	CHLOROBENZENE	REAL	TR1	1	UG/L	U	V1	0.3	1	100	D&D Bldg 776/777
00500	11/12/01	GW07849RG	CHLOROETHANE	REAL	TR1	1	UG/L	U	V1	0.25	1	29.4	D&D Bldg 776/777
00500	11/12/01	GW07849RG	CHLOROFORM	REAL	TR1	0.35	UG/L	J	V1	0.23	1	100	D&D Bldg 776/777
00500	11/12/01	GW07849RG	CHLOROMETHANE	REAL	TR1	1	UG/L	U	V1	0.3	1	6.55	D&D Bldg 776/777
00500	11/12/01	GW07849RG	cis-1,2-DICHLOROETHENE	REAL	TR1	1.2	UG/L		V1	0.26	1	70	D&D Bldg 776/777
00500	11/12/01	GW07849RG	cis-1,3-DICHLOROPROPENE	REAL	TR1	1	UG/L	U	V1	0.28	1	0.473	D&D Bldg 776/777
00500	11/12/01	GW07849RG	DIBROMOCHLOROMETHANE	REAL	TR1	1	UG/L	U	V1	0.38	1	1.01	D&D Bldg 776/777
00500	11/12/01	GW07849RG	DIBROMOMETHANE	REAL	TR1	1	UG/L	U	V1	0.44	1		D&D Bldg 776/777
00500	11/12/01	GW07849RG	DICHLORODIFLUOROMETHANE	REAL	TR1	1	UG/L	U	UJ1	0.23	1		D&D Bldg 776/777



Appendix A: Groundwater Analytical Data - Dissolved Gasses and Volatile Organic Compounds Fourth Quarter 2001

Location	Sample Date	Sample #	Analyte	QC Type	Result Type	Result	Units	Lab Qual	Valid-ation	Detect Limit	Dilu- tion	Tier II	IMP Well Class
00500	11/12/01	GW07849RG	ETHYLBENZENE	REAL	TR1	1	UG/L	U	V1	0.28	1	700	D&D Bldg 776/777
00500	11/12/01	GW07849RG	HEXACHLOROBUTADIENE	REAL	TR1	1	UG/L	U	V1	0.29	1	1.09	D&D Bldg 776/777
00500	11/12/01	GW07849RG	ISOPROPYLBENZENE	REAL	TR1	1	UG/L	U	V1	0.31	1		D&D Bldg 776/777
00500	11/12/01	GW07849RG	METHYLENE CHLORIDE	REAL	TR1	1	UG/L	U	V1	0.89	1	5	D&D Bldg 776/777
00500	11/12/01	GW07849RG	NAPHTHALENE	REAL	TR1	1	UG/L	U	UJ1	0.15	1	1460	D&D Bldg 776/777
00500	11/12/01	GW07849RG	n-BUTYLBENZENE	REAL	TR1	1	UG/L	U	V1	0.26	1		D&D Bldg 776/777
00500	11/12/01	GW07849RG	n-PROPYLBENZENE	REAL	TR1	1	UG/L	U	V1	0.23	1		D&D Bldg 776/777
00500	11/12/01	GW07849RG	o-CHLOROTOLUENE	REAL	TR1	1	UG/L	U	V1	0.31	1		D&D Bldg 776/777
00500	11/12/01	GW07849RG	p-CHLOROTOLUENE	REAL	TR1	1	UG/L	U	V1	0.25	1		D&D Bldg 776/777
00500	11/12/01	GW07849RG	PROPANE, 1,2-DIBROMO-3-CHLORO-	REAL	TR1	1	UG/L	U	V1	0.25	1	0.2	D&D Bldg 776/777
00500	11/12/01	GW07849RG	sec-BUTYLBENZENE	REAL	TR1	1	UG/L	U	V1	0.26	1		D&D Bldg 776/777
00500	11/12/01	GW07849RG	STYRENE	REAL	TR1	1	UG/L	U	V1	0.27	1	100	D&D Bldg 776/777
00500	11/12/01	GW07849RG	tert-BUTYLBENZENE	REAL	TR1	1	UG/L	U	V1	0.29	1		D&D Bldg 776/777
00500	11/12/01	GW07849RG	TETRACHLOROETHENE	REAL	TR1	1.6	UG/L		V1	0.36	1	5	D&D Bldg 776/777
00500	11/12/01	GW07849RG	TOLUENE	REAL	TR1	1	UG/L	U	V1	0.29	1	1000	D&D Bldg 776/777
00500	11/12/01	GW07849RG	TOTAL XYLENES	REAL	TR1	1	UG/L	U	V1	0.95	1	10000	D&D Bldg 776/777
00500	11/12/01	GW07849RG	trans-1,2-DICHLOROETHENE	REAL	TR1	0.5	UG/L	U	V1	0.27	1	70	D&D Bldg 776/777
00500	11/12/01	GW07849RG	trans-1,3-DICHLOROPROPENE	REAL	TR1	1	UG/L	U	V1	0.42	1	0.473	D&D Bldg 776/777
00500	11/12/01	GW07849RG	TRICHLOROETHENE	REAL	TR1	1.6	UG/L		V1	0.22	1	5	D&D Bldg 776/777
00500	11/12/01	GW07849RG	TRICHLOROFLUOROMETHANE	REAL	TR1	1	UG/L	U	V1	0.28	1		D&D Bldg 776/777
00500	11/12/01	GW07849RG	VINYL CHLORIDE	REAL	TR1	0.55	UG/L	J	V1	0.21	1	2	D&D Bldg 776/777
00600	11/15/01	GW07850RG	1,1,1,2-TETRACHLOROETHANE	REAL	TR1	1	UG/L	U	V1	0.22	1		D&D Bldg 776/777
00600	11/15/01	GW07851RG	1,1,1,2-TETRACHLOROETHANE	DUP	TR1	1	UG/L	U	V1	0.22	1		D&D Bldg 776/777
00600	11/15/01	GW07850RG	1,1,1-TRICHLOROETHANE	REAL	TR1	1	UG/L	U	V1	0.26	1	200	D&D Bldg 776/777
00600	11/15/01	GW07851RG	1,1,1-TRICHLOROETHANE	DUP	TR1	1	UG/L	U	V1	0.26	1	200	D&D Bldg 776/777
00600	11/15/01	GW07850RG	1,1,2,2-TETRACHLOROETHANE	REAL	TR1	1	UG/L	U	V1	0.31	1	0.426	D&D Bldg 776/777
00600	11/15/01	GW07851RG	1,1,2,2-TETRACHLOROETHANE	DUP	TR1	1	UG/L	U	V1	0.31	1	0.426	D&D Bldg 776/777
00600	11/15/01	GW07850RG	1,1,2-TRICHLOROETHANE	REAL	TR1	1	UG/L	U	V1	0.39	1	5	D&D Bldg 776/777
00600	11/15/01	GW07851RG	1,1,2-TRICHLOROETHANE	DUP	TR1	1	UG/L	U	V1	0.39	1	5	D&D Bldg 776/777
00600	11/15/01	GW07850RG	1,1,2-TRICHLOROTRIFLUOROETHANE	REAL	TR1	1	UG/L	U	V1	0.21	1		D&D Bldg 776/777
00600	11/15/01	GW07851RG	1,1,2-TRICHLOROTRIFLUOROETHANE	DUP	TR1	1	UG/L	U	V1	0.21	1		D&D Bldg 776/777
00600	11/15/01	GW07850RG	1,1-DICHLOROETHANE	REAL	TR1	0.46	UG/L	J	V1	0.17	1	3650	D&D Bldg 776/777
00600	11/15/01	GW07851RG	1,1-DICHLOROETHANE	DUP	TR1	0.38	UG/L	J	V1	0.17	1	3650	D&D Bldg 776/777
00600	11/15/01	GW07850RG	1,1-DICHLOROETHENE	REAL	TR1	0.94	UG/L	J	V1	0.2	1	7	D&D Bldg 776/777
00600	11/15/01	GW07851RG	1,1-DICHLOROETHENE	DUP	TR1	0.74	UG/L	J	V1	0.2	1	7	D&D Bldg 776/777
00600	11/15/01	GW07850RG	1,1-DICHLOROPROPENE	REAL	TR1	1	UG/L	U	V1	0.22	1		D&D Bldg 776/777
00600	11/15/01	GW07851RG	1,1-DICHLOROPROPENE	DUP	TR1	1	UG/L	U	V1	0.22	1		D&D Bldg 776/777
00600	11/15/01	GW07850RG	1,2,3-TRICHLOROBENZENE	REAL	TR1	1	UG/L	U	UJ1	0.16	1		D&D Bldg 776/777
00600	11/15/01	GW07851RG	1,2,3-TRICHLOROBENZENE	DUP	TR1	1	UG/L	U	UJ1	0.16	1		D&D Bldg 776/777
00600	11/15/01	GW07850RG	1,2,3-TRICHLOROPROPANE	REAL	TR1	1	UG/L	U	V1	0.29	1		D&D Bldg 776/777
00600	11/15/01	GW07851RG	1,2,3-TRICHLOROPROPANE	DUP	TR1	1	UG/L	U	V1	0.29	1		D&D Bldg 776/777
00600	11/15/01	GW07850RG	1,2,4-TRICHLOROBENZENE	REAL	TR1	1	UG/L	U	UJ1	0.2	1	70	D&D Bldg 776/777
00600	11/15/01	GW07851RG	1,2,4-TRICHLOROBENZENE	DUP	TR1	1	UG/L	U	UJ1	0.2	1	70	D&D Bldg 776/777
00600	11/15/01	GW07850RG	1,2-DIBROMOETHANE	REAL	TR1	1	UG/L	U	V1	0.36	1		D&D Bldg 776/777
00600	11/15/01	GW07851RG	1,2-DIBROMOETHANE	DUP	TR1	1	UG/L	U	V1	0.36	1		D&D Bldg 776/777
00600	11/15/01	GW07850RG	1,2-DICHLOROBENZENE	REAL	TR1	1	UG/L	U	UJ1	0.24	1	600	D&D Bldg 776/777
00600	11/15/01	GW07851RG	1,2-DICHLOROBENZENE	DUP	TR1	1	UG/L	U	UJ1	0.24	1	600	D&D Bldg 776/777
00600	11/15/01	GW07850RG	1,2-DICHLOROETHANE	REAL	TR1	1	UG/L	U	V1	0.28	1	5	D&D Bldg 776/777
00600	11/15/01	GW07851RG	1,2-DICHLOROETHANE	DUP	TR1	1	UG/L	U	V1	0.28	1	5	D&D Bldg 776/777
00600	11/15/01	GW07850RG	1,2-DICHLOROPROPANE	REAL	TR1	1	UG/L	U	V1	0.21	1	5	D&D Bldg 776/777
00600	11/15/01	GW07851RG	1,2-DICHLOROPROPANE	DUP	TR1	1	UG/L	U	V1	0.21	1	5	D&D Bldg 776/777
00600	11/15/01	GW07850RG	1,3-DICHLOROBENZENE	REAL	TR1	1	UG/L	U	UJ1	0.26	1	600	D&D Bldg 776/777
00600	11/15/01	GW07851RG	1,3-DICHLOROBENZENE	DUP	TR1	1	UG/L	U	UJ1	0.26	1	600	D&D Bldg 776/777
00600	11/15/01	GW07850RG	1,3-DICHLOROPROPANE	REAL	TR1	1	UG/L	U	V1	0.26	1		D&D Bldg 776/777
00600	11/15/01	GW07851RG	1,3-DICHLOROPROPANE	DUP	TR1	1	UG/L	U	V1	0.26	1		D&D Bldg 776/777
00600	11/15/01	GW07850RG	1,4-DICHLOROBENZENE	REAL	TR1	1	UG/L	U	UJ1	0.24	1	75	D&D Bldg 776/777

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Appendix A: Groundwater Analytical Data - Dissolved Gasses and Volatile Organic Compounds Fourth Quarter 2001

Location	Sample Date	Sample #	Analyte	QC Type	Result Type	Result	Units	Lab Qual	Valid-ation	Detect Limit	Dilution	Tier II	IMP Well Class
00600	11/15/01	GW07851RG	1,4-DICHLOROBENZENE	DUP	TR1	1	UG/L	U	UJ1	0.24	1	75	D&D Bldg 776/777
00600	11/15/01	GW07850RG	2,2-DICHLOROPROPANE	REAL	TR1	1	UG/L	U	V1	0.21	1		D&D Bldg 776/777
00600	11/15/01	GW07851RG	2,2-DICHLOROPROPANE	DUP	TR1	1	UG/L	U	V1	0.21	1		D&D Bldg 776/777
00600	11/15/01	GW07850RG	2-BUTANONE	REAL	TR1	5	UG/L	U	UJ1	0.93	1	21900	D&D Bldg 776/777
00600	11/15/01	GW07851RG	2-BUTANONE	DUP	TR1	5	UG/L	U	UJ1	0.93	1	21900	D&D Bldg 776/777
00600	11/15/01	GW07850RG	2-HEXANONE	REAL	TR1	5	UG/L	U	UJ1	0.7	1		D&D Bldg 776/777
00600	11/15/01	GW07851RG	2-HEXANONE	DUP	TR1	5	UG/L	U	UJ1	0.7	1		D&D Bldg 776/777
00600	11/15/01	GW07850RG	4-ISOPROPYLTOLUENE	REAL	TR1	1	UG/L	U	UJ1	0.3	1		D&D Bldg 776/777
00600	11/15/01	GW07851RG	4-ISOPROPYLTOLUENE	DUP	TR1	1	UG/L	U	UJ1	0.3	1		D&D Bldg 776/777
00600	11/15/01	GW07850RG	4-METHYL-2-PENTANONE	REAL	TR1	5	UG/L	U	V1	0.79	1	2920	D&D Bldg 776/777
00600	11/15/01	GW07851RG	4-METHYL-2-PENTANONE	DUP	TR1	5	UG/L	U	V1	0.79	1	2920	D&D Bldg 776/777
00600	11/15/01	GW07850RG	ACETONE	REAL	TR1	10	UG/L	U	V1	1.9	1	3650	D&D Bldg 776/777
00600	11/15/01	GW07851RG	ACETONE	DUP	TR1	10	UG/L	U	V1	1.9	1	3650	D&D Bldg 776/777
00600	11/15/01	GW07850RG	BENZENE	REAL	TR1	1	UG/L	U	UJ1	0.21	1	5	D&D Bldg 776/777
00600	11/15/01	GW07851RG	BENZENE	DUP	TR1	1	UG/L	U	UJ1	0.21	1	5	D&D Bldg 776/777
00600	11/15/01	GW07850RG	BENZENE, 1,2,4-TRIMETHYL	REAL	TR1	1	UG/L	U	UJ1	0.22	1		D&D Bldg 776/777
00600	11/15/01	GW07851RG	BENZENE, 1,2,4-TRIMETHYL	DUP	TR1	1	UG/L	U	UJ1	0.22	1		D&D Bldg 776/777
00600	11/15/01	GW07850RG	BENZENE, 1,3,5-TRIMETHYL-	REAL	TR1	1	UG/L	U	UJ1	0.29	1		D&D Bldg 776/777
00600	11/15/01	GW07851RG	BENZENE, 1,3,5-TRIMETHYL-	DUP	TR1	1	UG/L	U	UJ1	0.29	1		D&D Bldg 776/777
00600	11/15/01	GW07850RG	BROMOBENZENE	REAL	TR1	1	UG/L	U	UJ1	0.24	1		D&D Bldg 776/777
00600	11/15/01	GW07851RG	BROMOBENZENE	DUP	TR1	1	UG/L	U	UJ1	0.24	1		D&D Bldg 776/777
00600	11/15/01	GW07850RG	BROMOCHLOROMETHANE	REAL	TR1	1	UG/L	U	V1	0.21	1		D&D Bldg 776/777
00600	11/15/01	GW07851RG	BROMOCHLOROMETHANE	DUP	TR1	1	UG/L	U	V1	0.21	1		D&D Bldg 776/777
00600	11/15/01	GW07850RG	BROMODICHLOROMETHANE	REAL	TR1	1	UG/L	U	V1	0.22	1	100	D&D Bldg 776/777
00600	11/15/01	GW07851RG	BROMODICHLOROMETHANE	DUP	TR1	1	UG/L	U	V1	0.22	1	100	D&D Bldg 776/777
00600	11/15/01	GW07850RG	BROMOFORM	REAL	TR1	1	UG/L	U	V1	0.32	1	100	D&D Bldg 776/777
00600	11/15/01	GW07851RG	BROMOFORM	DUP	TR1	1	UG/L	U	V1	0.32	1	100	D&D Bldg 776/777
00600	11/15/01	GW07850RG	BROMOMETHANE	REAL	TR1	1	UG/L	U	V1	0.3	1	51.1	D&D Bldg 776/777
00600	11/15/01	GW07851RG	BROMOMETHANE	DUP	TR1	1	UG/L	U	V1	0.3	1	51.1	D&D Bldg 776/777
00600	11/15/01	GW07850RG	CARBON DISULFIDE	REAL	TR1	1	UG/L	U	V1	0.19	1	3650	D&D Bldg 776/777
00600	11/15/01	GW07851RG	CARBON DISULFIDE	DUP	TR1	1	UG/L	U	V1	0.19	1	3650	D&D Bldg 776/777
00600	11/15/01	GW07850RG	CARBON TETRACHLORIDE	REAL	TR1	1	UG/L	U	V1	0.19	1	5	D&D Bldg 776/777
00600	11/15/01	GW07851RG	CARBON TETRACHLORIDE	DUP	TR1	1	UG/L	U	V1	0.19	1	5	D&D Bldg 776/777
00600	11/15/01	GW07850RG	CHLOROBENZENE	REAL	TR1	1	UG/L	U	UJ1	0.3	1	100	D&D Bldg 776/777
00600	11/15/01	GW07851RG	CHLOROBENZENE	DUP	TR1	1	UG/L	U	UJ1	0.3	1	100	D&D Bldg 776/777
00600	11/15/01	GW07850RG	CHLOROETHANE	REAL	TR1	1	UG/L	U	V1	0.25	1	29.4	D&D Bldg 776/777
00600	11/15/01	GW07851RG	CHLOROETHANE	DUP	TR1	1	UG/L	U	V1	0.25	1	29.4	D&D Bldg 776/777
00600	11/15/01	GW07850RG	CHLOROFORM	REAL	TR1	1	UG/L	U	V1	0.23	1	100	D&D Bldg 776/777
00600	11/15/01	GW07851RG	CHLOROFORM	DUP	TR1	1	UG/L	U	V1	0.23	1	100	D&D Bldg 776/777
00600	11/15/01	GW07850RG	CHLOROMETHANE	REAL	TR1	1	UG/L	U	V1	0.3	1	6.55	D&D Bldg 776/777
00600	11/15/01	GW07851RG	CHLOROMETHANE	DUP	TR1	1	UG/L	U	V1	0.3	1	6.55	D&D Bldg 776/777
00600	11/15/01	GW07850RG	cis-1,2-DICHLOROETHENE	REAL	TR1	1	UG/L	U	V1	0.26	1	70	D&D Bldg 776/777
00600	11/15/01	GW07851RG	cis-1,2-DICHLOROETHENE	DUP	TR1	1	UG/L	U	V1	0.26	1	70	D&D Bldg 776/777
00600	11/15/01	GW07850RG	cis-1,3-DICHLOROPROPENE	REAL	TR1	1	UG/L	U	V1	0.28	1	0.473	D&D Bldg 776/777
00600	11/15/01	GW07851RG	cis-1,3-DICHLOROPROPENE	DUP	TR1	1	UG/L	U	V1	0.28	1	0.473	D&D Bldg 776/777
00600	11/15/01	GW07850RG	DIBROMOCHLOROMETHANE	REAL	TR1	1	UG/L	U	V1	0.38	1	1.01	D&D Bldg 776/777
00600	11/15/01	GW07851RG	DIBROMOCHLOROMETHANE	DUP	TR1	1	UG/L	U	V1	0.38	1	1.01	D&D Bldg 776/777
00600	11/15/01	GW07850RG	DIBROMOMETHANE	REAL	TR1	1	UG/L	U	V1	0.44	1		D&D Bldg 776/777
00600	11/15/01	GW07851RG	DIBROMOMETHANE	DUP	TR1	1	UG/L	U	V1	0.44	1		D&D Bldg 776/777
00600	11/15/01	GW07850RG	DICHLORODIFLUOROMETHANE	REAL	TR1	1	UG/L	U	V1	0.23	1		D&D Bldg 776/777
00600	11/15/01	GW07851RG	DICHLORODIFLUOROMETHANE	DUP	TR1	1	UG/L	U	V1	0.23	1		D&D Bldg 776/777
00600	11/15/01	GW07850RG	ETHYLBENZENE	REAL	TR1	1	UG/L	U	UJ1	0.28	1	700	D&D Bldg 776/777
00600	11/15/01	GW07851RG	ETHYLBENZENE	DUP	TR1	1	UG/L	U	UJ1	0.28	1	700	D&D Bldg 776/777
00600	11/15/01	GW07850RG	HEXACHLOROBUTADIENE	REAL	TR1	1	UG/L	U	V1	0.29	1	1.09	D&D Bldg 776/777
00600	11/15/01	GW07851RG	HEXACHLOROBUTADIENE	DUP	TR1	1	UG/L	U	V1	0.29	1	1.09	D&D Bldg 776/777
00600	11/15/01	GW07850RG	ISOPROPYLBENZENE	REAL	TR1	1	UG/L	U	UJ1	0.31	1		D&D Bldg 776/777

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Appendix A: Groundwater Analytical Data - Dissolved Gasses and Volatile Organic Compounds Fourth Quarter 2001

Location	Sample Date	Sample #	Analyte	QC Type	Result Type	Result	Units	Lab Qual	Valid-ation	Detect Limit	Dilu-tion	Tier II	IMP Well Class
00600	11/15/01	GW07851RG	ISOPROPYLBENZENE	DUP	TR1	1	UG/L	U	UJ1	0.31	1		D&D Bldg 776/777
00600	11/15/01	GW07850RG	METHYLENE CHLORIDE	REAL	TR1	1	UG/L	U	V1	0.89	1	5	D&D Bldg 776/777
00600	11/15/01	GW07851RG	METHYLENE CHLORIDE	DUP	TR1	1	UG/L	U	V1	0.89	1	5	D&D Bldg 776/777
00600	11/15/01	GW07850RG	NAPHTHALENE	REAL	TR1	1	UG/L	U	UJ1	0.15	1	1460	D&D Bldg 776/777
00600	11/15/01	GW07851RG	NAPHTHALENE	DUP	TR1	1	UG/L	U	UJ1	0.15	1	1460	D&D Bldg 776/777
00600	11/15/01	GW07850RG	n-BUTYLBENZENE	REAL	TR1	1	UG/L	U	UJ1	0.26	1		D&D Bldg 776/777
00600	11/15/01	GW07851RG	n-BUTYLBENZENE	DUP	TR1	1	UG/L	U	UJ1	0.26	1		D&D Bldg 776/777
00600	11/15/01	GW07850RG	n-PROPYLBENZENE	REAL	TR1	1	UG/L	U	UJ1	0.23	1		D&D Bldg 776/777
00600	11/15/01	GW07851RG	n-PROPYLBENZENE	DUP	TR1	1	UG/L	U	UJ1	0.23	1		D&D Bldg 776/777
00600	11/15/01	GW07850RG	o-CHLOROTOLUENE	REAL	TR1	1	UG/L	U	UJ1	0.31	1		D&D Bldg 776/777
00600	11/15/01	GW07851RG	o-CHLOROTOLUENE	DUP	TR1	1	UG/L	U	UJ1	0.31	1		D&D Bldg 776/777
00600	11/15/01	GW07850RG	p-CHLOROTOLUENE	REAL	TR1	1	UG/L	U	UJ1	0.25	1		D&D Bldg 776/777
00600	11/15/01	GW07851RG	p-CHLOROTOLUENE	DUP	TR1	1	UG/L	U	UJ1	0.25	1		D&D Bldg 776/777
00600	11/15/01	GW07850RG	PROPANE, 1,2-DIBROMO-3-CHLORO-	REAL	TR1	1	UG/L	U	V1	0.25	1	0.2	D&D Bldg 776/777
00600	11/15/01	GW07851RG	PROPANE, 1,2-DIBROMO-3-CHLORO-	DUP	TR1	1	UG/L	U	V1	0.25	1	0.2	D&D Bldg 776/777
00600	11/15/01	GW07850RG	sec-BUTYLBENZENE	REAL	TR1	1	UG/L	U	UJ1	0.26	1		D&D Bldg 776/777
00600	11/15/01	GW07851RG	sec-BUTYLBENZENE	DUP	TR1	1	UG/L	U	UJ1	0.26	1		D&D Bldg 776/777
00600	11/15/01	GW07850RG	STYRENE	REAL	TR1	1	UG/L	U	UJ1	0.27	1	100	D&D Bldg 776/777
00600	11/15/01	GW07851RG	STYRENE	DUP	TR1	1	UG/L	U	UJ1	0.27	1	100	D&D Bldg 776/777
00600	11/15/01	GW07850RG	tert-BUTYLBENZENE	REAL	TR1	1	UG/L	U	UJ1	0.29	1		D&D Bldg 776/777
00600	11/15/01	GW07851RG	tert-BUTYLBENZENE	DUP	TR1	1	UG/L	U	UJ1	0.29	1		D&D Bldg 776/777
00600	11/15/01	GW07850RG	TETRACHLOROETHENE	REAL	TR1	1	UG/L	U	V1	0.36	1	5	D&D Bldg 776/777
00600	11/15/01	GW07851RG	TETRACHLOROETHENE	DUP	TR1	1	UG/L	U	V1	0.36	1	5	D&D Bldg 776/777
00600	11/15/01	GW07850RG	TOLUENE	REAL	TR1	1	UG/L	U	UJ1	0.29	1	1000	D&D Bldg 776/777
00600	11/15/01	GW07851RG	TOLUENE	DUP	TR1	1	UG/L	U	UJ1	0.29	1	1000	D&D Bldg 776/777
00600	11/15/01	GW07850RG	TOTAL XYLENES	REAL	TR1	1	UG/L	U	UJ1	0.95	1	10000	D&D Bldg 776/777
00600	11/15/01	GW07851RG	TOTAL XYLENES	DUP	TR1	1	UG/L	U	UJ1	0.95	1	10000	D&D Bldg 776/777
00600	11/15/01	GW07850RG	trans-1,2-DICHLOROETHENE	REAL	TR1	0.5	UG/L	U	V1	0.27	1	70	D&D Bldg 776/777
00600	11/15/01	GW07851RG	trans-1,2-DICHLOROETHENE	DUP	TR1	0.5	UG/L	U	V1	0.27	1	70	D&D Bldg 776/777
00600	11/15/01	GW07850RG	trans-1,3-DICHLOROPROPENE	REAL	TR1	1	UG/L	U	V1	0.42	1	0.473	D&D Bldg 776/777
00600	11/15/01	GW07851RG	trans-1,3-DICHLOROPROPENE	DUP	TR1	1	UG/L	U	V1	0.42	1	0.473	D&D Bldg 776/777
00600	11/15/01	GW07850RG	TRICHLOROETHENE	REAL	TR1	1	UG/L	U	V1	0.22	1	5	D&D Bldg 776/777
00600	11/15/01	GW07851RG	TRICHLOROETHENE	DUP	TR1	1	UG/L	U	V1	0.22	1	5	D&D Bldg 776/777
00600	11/15/01	GW07850RG	TRICHLOROFLUOROMETHANE	REAL	TR1	1	UG/L	U	V1	0.28	1		D&D Bldg 776/777
00600	11/15/01	GW07851RG	TRICHLOROFLUOROMETHANE	DUP	TR1	1	UG/L	U	V1	0.28	1		D&D Bldg 776/777
00600	11/15/01	GW07850RG	VINYL CHLORIDE	REAL	TR1	1	UG/L	U	V1	0.21	1	2	D&D Bldg 776/777
00600	11/15/01	GW07851RG	VINYL CHLORIDE	DUP	TR1	1	UG/L	U	V1	0.21	1	2	D&D Bldg 776/777
00600	11/15/01	GW07852RG	1,1,1,2-TETRACHLOROETHANE	RNS	TR1	1	UG/L	U	V1	0.22	1		D&D Bldg 776/777
00600	11/15/01	GW07852RG	1,1,1-TRICHLOROETHANE	RNS	TR1	1	UG/L	U	V1	0.26	1	200	D&D Bldg 776/777
00600	11/15/01	GW07852RG	1,1,2,2-TETRACHLOROETHANE	RNS	TR1	1	UG/L	U	V1	0.31	1	0.426	D&D Bldg 776/777
00600	11/15/01	GW07852RG	1,1,2-TRICHLOROETHANE	RNS	TR1	1	UG/L	U	V1	0.39	1	5	D&D Bldg 776/777
00600	11/15/01	GW07852RG	1,1,2-TRICHLOROTRIFLUOROETHANE	RNS	TR1	1	UG/L	U	V1	0.21	1		D&D Bldg 776/777
00600	11/15/01	GW07852RG	1,1-DICHLOROETHANE	RNS	TR1	1	UG/L	U	V1	0.17	1	3650	D&D Bldg 776/777
00600	11/15/01	GW07852RG	1,1-DICHLOROETHENE	RNS	TR1	1	UG/L	U	V1	0.2	1	7	D&D Bldg 776/777
00600	11/15/01	GW07852RG	1,1-DICHLOROPROPENE	RNS	TR1	1	UG/L	U	V1	0.22	1		D&D Bldg 776/777
00600	11/15/01	GW07852RG	1,2,3-TRICHLOROETHANE	RNS	TR1	1	UG/L	U	UJ1	0.16	1		D&D Bldg 776/777
00600	11/15/01	GW07852RG	1,2,3-TRICHLOROPROPANE	RNS	TR1	1	UG/L	U	V1	0.29	1		D&D Bldg 776/777
00600	11/15/01	GW07852RG	1,2,4-TRICHLOROETHANE	RNS	TR1	1	UG/L	U	UJ1	0.2	1	70	D&D Bldg 776/777
00600	11/15/01	GW07852RG	1,2-DIBROMOETHANE	RNS	TR1	1	UG/L	U	V1	0.36	1		D&D Bldg 776/777
00600	11/15/01	GW07852RG	1,2-DICHLOROETHANE	RNS	TR1	1	UG/L	U	UJ1	0.24	1	600	D&D Bldg 776/777
00600	11/15/01	GW07852RG	1,2-DICHLOROPROPANE	RNS	TR1	1	UG/L	U	V1	0.28	1	5	D&D Bldg 776/777
00600	11/15/01	GW07852RG	1,3-DICHLOROETHANE	RNS	TR1	1	UG/L	U	V1	0.21	1	5	D&D Bldg 776/777
00600	11/15/01	GW07852RG	1,3-DICHLOROETHANE	RNS	TR1	1	UG/L	U	UJ1	0.26	1	600	D&D Bldg 776/777
00600	11/15/01	GW07852RG	1,3-DICHLOROPROPANE	RNS	TR1	1	UG/L	U	V1	0.26	1		D&D Bldg 776/777
00600	11/15/01	GW07852RG	1,4-DICHLOROETHANE	RNS	TR1	1	UG/L	U	UJ1	0.24	1	75	D&D Bldg 776/777
00600	11/15/01	GW07852RG	2,2-DICHLOROPROPANE	RNS	TR1	1	UG/L	U	V1	0.21	1		D&D Bldg 776/777

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**Appendix A: Groundwater Analytical Data - Dissolved Gasses and Volatile Organic Compounds** **Fourth Quarter 2001**

Location	Sample Date	Sample #	Analyte	QC Type	Result Type	Result	Units	Lab Qual	Valid- ation	Detect Limit	Dilu- tion	Tier II	IMP Well Class
00600	11/15/01	GW07852RG	2-BUTANONE	RNS	TR1	5	UG/L	U	UJ1	0.93	1	21900	D&D Bldg 776/777
00600	11/15/01	GW07852RG	2-HEXANONE	RNS	TR1	5	UG/L	U	UJ1	0.7	1		D&D Bldg 776/777
00600	11/15/01	GW07852RG	4-ISOPROPYLTOLUENE	RNS	TR1	1	UG/L	U	UJ1	0.3	1		D&D Bldg 776/777
00600	11/15/01	GW07852RG	4-METHYL-2-PENTANONE	RNS	TR1	5	UG/L	U	V1	0.79	1	2920	D&D Bldg 776/777
00600	11/15/01	GW07852RG	ACETONE	RNS	TR1	3	UG/L	J	V1	1.9	1	3650	D&D Bldg 776/777
00600	11/15/01	GW07852RG	BENZENE	RNS	TR1	1	UG/L	U	UJ1	0.21	1	5	D&D Bldg 776/777
00600	11/15/01	GW07852RG	BENZENE, 1,2,4-TRIMETHYL	RNS	TR1	1	UG/L	U	UJ1	0.22	1		D&D Bldg 776/777
00600	11/15/01	GW07852RG	BENZENE, 1,3,5-TRIMETHYL-	RNS	TR1	1	UG/L	U	UJ1	0.29	1		D&D Bldg 776/777
00600	11/15/01	GW07852RG	BROMOBENZENE	RNS	TR1	1	UG/L	U	UJ1	0.24	1		D&D Bldg 776/777
00600	11/15/01	GW07852RG	BROMOCHLOROMETHANE	RNS	TR1	1	UG/L	U	V1	0.21	1		D&D Bldg 776/777
00600	11/15/01	GW07852RG	BROMODICHLOROMETHANE	RNS	TR1	1	UG/L	U	V1	0.22	1	100	D&D Bldg 776/777
00600	11/15/01	GW07852RG	BROMOFORM	RNS	TR1	1	UG/L	U	V1	0.32	1	100	D&D Bldg 776/777
00600	11/15/01	GW07852RG	BROMOMETHANE	RNS	TR1	1	UG/L	U	V1	0.3	1	51.1	D&D Bldg 776/777
00600	11/15/01	GW07852RG	CARBON DISULFIDE	RNS	TR1	1	UG/L	U	V1	0.19	1	3650	D&D Bldg 776/777
00600	11/15/01	GW07852RG	CARBON TETRACHLORIDE	RNS	TR1	1	UG/L	U	V1	0.19	1	5	D&D Bldg 776/777
00600	11/15/01	GW07852RG	CHLOROBENZENE	RNS	TR1	1	UG/L	U	UJ1	0.3	1	100	D&D Bldg 776/777
00600	11/15/01	GW07852RG	CHLOROETHANE	RNS	TR1	1	UG/L	U	V1	0.25	1	29.4	D&D Bldg 776/777
00600	11/15/01	GW07852RG	CHLOROFORM	RNS	TR1	1	UG/L	U	V1	0.23	1	100	D&D Bldg 776/777
00600	11/15/01	GW07852RG	CHLOROMETHANE	RNS	TR1	1.5	UG/L		V1	0.3	1	6.55	D&D Bldg 776/777
00600	11/15/01	GW07852RG	cis-1,2-DICHLOROETHENE	RNS	TR1	1	UG/L	U	V1	0.26	1	70	D&D Bldg 776/777
00600	11/15/01	GW07852RG	cis-1,3-DICHLOROPROPENE	RNS	TR1	1	UG/L	U	V1	0.28	1	0.473	D&D Bldg 776/777
00600	11/15/01	GW07852RG	DIBROMOCHLOROMETHANE	RNS	TR1	1	UG/L	U	V1	0.38	1	1.01	D&D Bldg 776/777
00600	11/15/01	GW07852RG	DIBROMOMETHANE	RNS	TR1	1	UG/L	U	V1	0.44	1		D&D Bldg 776/777
00600	11/15/01	GW07852RG	DICHLORODIFLUOROMETHANE	RNS	TR1	1	UG/L	U	V1	0.23	1		D&D Bldg 776/777
00600	11/15/01	GW07852RG	ETHYLBENZENE	RNS	TR1	1	UG/L	U	UJ1	0.28	1	700	D&D Bldg 776/777
00600	11/15/01	GW07852RG	HEXACHLOROBUTADIENE	RNS	TR1	1	UG/L	U	V1	0.29	1	1.09	D&D Bldg 776/777
00600	11/15/01	GW07852RG	ISOPROPYLBENZENE	RNS	TR1	1	UG/L	U	UJ1	0.31	1		D&D Bldg 776/777
00600	11/15/01	GW07852RG	METHYLENE CHLORIDE	RNS	TR1	1	UG/L	U	V1	0.89	1	5	D&D Bldg 776/777
00600	11/15/01	GW07852RG	NAPHTHALENE	RNS	TR1	1	UG/L	U	UJ1	0.15	1	1460	D&D Bldg 776/777
00600	11/15/01	GW07852RG	n-BUTYLBENZENE	RNS	TR1	1	UG/L	U	UJ1	0.26	1		D&D Bldg 776/777
00600	11/15/01	GW07852RG	n-PROPYLBENZENE	RNS	TR1	1	UG/L	U	UJ1	0.23	1		D&D Bldg 776/777
00600	11/15/01	GW07852RG	o-CHLOROTOLUENE	RNS	TR1	1	UG/L	U	UJ1	0.31	1		D&D Bldg 776/777
00600	11/15/01	GW07852RG	p-CHLOROTOLUENE	RNS	TR1	1	UG/L	U	UJ1	0.25	1		D&D Bldg 776/777
00600	11/15/01	GW07852RG	PROPANE, 1,2-DIBROMO-3-CHLORO-	RNS	TR1	1	UG/L	U	V1	0.25	1	0.2	D&D Bldg 776/777
00600	11/15/01	GW07852RG	sec-BUTYLBENZENE	RNS	TR1	1	UG/L	U	UJ1	0.26	1		D&D Bldg 776/777
00600	11/15/01	GW07852RG	STYRENE	RNS	TR1	1	UG/L	U	UJ1	0.27	1	100	D&D Bldg 776/777
00600	11/15/01	GW07852RG	tert-BUTYLBENZENE	RNS	TR1	1	UG/L	U	UJ1	0.29	1		D&D Bldg 776/777
00600	11/15/01	GW07852RG	TETRACHLOROETHENE	RNS	TR1	1	UG/L	U	V1	0.36	1	5	D&D Bldg 776/777
00600	11/15/01	GW07852RG	TOLUENE	RNS	TR1	1	UG/L	U	UJ1	0.29	1	1000	D&D Bldg 776/777
00600	11/15/01	GW07852RG	TOTAL XYLENES	RNS	TR1	1	UG/L	U	UJ1	0.95	1	10000	D&D Bldg 776/777
00600	11/15/01	GW07852RG	trans-1,2-DICHLOROETHENE	RNS	TR1	0.5	UG/L	U	V1	0.27	1	70	D&D Bldg 776/777
00600	11/15/01	GW07852RG	trans-1,3-DICHLOROPROPENE	RNS	TR1	1	UG/L	U	V1	0.42	1	0.473	D&D Bldg 776/777
00600	11/15/01	GW07852RG	TRICHLOROETHENE	RNS	TR1	1	UG/L	U	V1	0.22	1	5	D&D Bldg 776/777
00600	11/15/01	GW07852RG	TRICHLOROFLUOROMETHANE	RNS	TR1	1	UG/L	U	V1	0.28	1		D&D Bldg 776/777
00600	11/15/01	GW07852RG	VINYL CHLORIDE	RNS	TR1	1	UG/L	U	V1	0.21	1	2	D&D Bldg 776/777
00700	11/14/01	GW07853RG	1,1,1,2-TETRACHLOROETHANE	REAL	RX1	6.7	UG/L	U	V1	1.5	6.66		D&D Bldg 776/777
00700	11/14/01	GW07853RG	1,1,1-TRICHLOROETHANE	REAL	RX1	6	UG/L	J	V1	1.7	6.66	200	D&D Bldg 776/777
00700	11/14/01	GW07853RG	1,1,2,2-TETRACHLOROETHANE	REAL	RX1	6.7	UG/L	U	V1	2.1	6.66	0.426	D&D Bldg 776/777
00700	11/14/01	GW07853RG	1,1,2-TRICHLOROETHANE	REAL	RX1	6.7	UG/L	U	V1	2.6	6.66	5	D&D Bldg 776/777
00700	11/14/01	GW07853RG	1,1,2-TRICHLOROTRIFLUOROETHANE	REAL	RX1	13	UG/L		V1	1.4	6.66		D&D Bldg 776/777
00700	11/14/01	GW07853RG	1,1-DICHLOROETHANE	REAL	RX1	16	UG/L		V1	1.1	6.66	3650	D&D Bldg 776/777
00700	11/14/01	GW07853RG	1,1-DICHLOROETHENE	REAL	DL1	500	UG/L		V1	40	200	7	D&D Bldg 776/777
00700	11/14/01	GW07853RG	1,1-DICHLOROPROPENE	REAL	RX1	6.7	UG/L	U	V1	1.5	6.66		D&D Bldg 776/777
00700	11/14/01	GW07853RG	1,2,3-TRICHLOROBENZENE	REAL	RX1	6.7	UG/L	U	UJ1	1.1	6.66		D&D Bldg 776/777
00700	11/14/01	GW07853RG	1,2,3-TRICHLOROPROPANE	REAL	RX1	6.7	UG/L	U	V1	1.9	6.66		D&D Bldg 776/777
00700	11/14/01	GW07853RG	1,2,4-TRICHLOROBENZENE	REAL	RX1	6.7	UG/L	U	UJ1	1.3	6.66	70	D&D Bldg 776/777

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Appendix A: Groundwater Analytical Data - Dissolved Gasses and Volatile Organic Compounds Fourth Quarter 2001

Location	Sample Date	Sample #	Analyte	QC Type	Result Type	Result	Units	Lab Qual	Valid-ation	Detect Limit	Dilu-tion	Tier II	IMP Well Class
00700	11/14/01	GW07853RG	1,2-DIBROMOETHANE	REAL	RX1	6.7	UG/L	U	V1	2.4	6.66		D&D Bldg 776/777
00700	11/14/01	GW07853RG	1,2-DICHLOROBENZENE	REAL	RX1	6.7	UG/L	U	UJ1	1.6	6.66	600	D&D Bldg 776/777
00700	11/14/01	GW07853RG	1,2-DICHLOROETHANE	REAL	RX1	7.9	UG/L		V1	1.9	6.66	5	D&D Bldg 776/777
00700	11/14/01	GW07853RG	1,2-DICHLOROPROPANE	REAL	RX1	6.7	UG/L	U	V1	1.4	6.66	5	D&D Bldg 776/777
00700	11/14/01	GW07853RG	1,3-DICHLOROBENZENE	REAL	RX1	6.7	UG/L	U	UJ1	1.7	6.66	600	D&D Bldg 776/777
00700	11/14/01	GW07853RG	1,3-DICHLOROPROPANE	REAL	RX1	6.7	UG/L	U	V1	1.7	6.66		D&D Bldg 776/777
00700	11/14/01	GW07853RG	1,4-DICHLOROBENZENE	REAL	RX1	6.7	UG/L	U	UJ1	1.6	6.66	75	D&D Bldg 776/777
00700	11/14/01	GW07853RG	2,2-DICHLOROPROPANE	REAL	RX1	6.7	UG/L	U	V1	1.4	6.66		D&D Bldg 776/777
00700	11/14/01	GW07853RG	2-BUTANONE	REAL	RX1	33	UG/L	U	UJ1	6.2	6.66	21900	D&D Bldg 776/777
00700	11/14/01	GW07853RG	2-HEXANONE	REAL	RX1	33	UG/L	U	UJ1	4.7	6.66		D&D Bldg 776/777
00700	11/14/01	GW07853RG	4-ISOPROPYLTOLUENE	REAL	RX1	6.7	UG/L	U	UJ1	2	6.66		D&D Bldg 776/777
00700	11/14/01	GW07853RG	4-METHYL-2-PENTANONE	REAL	RX1	33	UG/L	U	V1	5.3	6.66	2920	D&D Bldg 776/777
00700	11/14/01	GW07853RG	ACETONE	REAL	RX1	67	UG/L	U	V1	13	6.66	3650	D&D Bldg 776/777
00700	11/14/01	GW07853RG	BENZENE	REAL	RX1	6.7	UG/L	U	UJ1	1.4	6.66	5	D&D Bldg 776/777
00700	11/14/01	GW07853RG	BENZENE, 1,2,4-TRIMETHYL	REAL	RX1	6.7	UG/L	U	UJ1	1.5	6.66		D&D Bldg 776/777
00700	11/14/01	GW07853RG	BENZENE, 1,3,5-TRIMETHYL-	REAL	RX1	6.7	UG/L	U	UJ1	1.9	6.66		D&D Bldg 776/777
00700	11/14/01	GW07853RG	BROMOBENZENE	REAL	RX1	6.7	UG/L	U	UJ1	1.6	6.66		D&D Bldg 776/777
00700	11/14/01	GW07853RG	BROMOCHLOROMETHANE	REAL	RX1	6.7	UG/L	U	V1	1.4	6.66		D&D Bldg 776/777
00700	11/14/01	GW07853RG	BROMODICHLOROMETHANE	REAL	RX1	6.7	UG/L	U	V1	1.5	6.66	100	D&D Bldg 776/777
00700	11/14/01	GW07853RG	BROMOFORM	REAL	RX1	6.7	UG/L	U	V1	2.1	6.66	100	D&D Bldg 776/777
00700	11/14/01	GW07853RG	BROMOMETHANE	REAL	RX1	6.7	UG/L	U	V1	2	6.66	51.1	D&D Bldg 776/777
00700	11/14/01	GW07853RG	CARBON DISULFIDE	REAL	RX1	6.7	UG/L	U	V1	1.3	6.66	3650	D&D Bldg 776/777
00700	11/14/01	GW07853RG	CARBON TETRACHLORIDE	REAL	DL1	3000	UG/L		V1	38	200	5	D&D Bldg 776/777
00700	11/14/01	GW07853RG	CHLOROBENZENE	REAL	RX1	6.7	UG/L	U	UJ1	2	6.66	100	D&D Bldg 776/777
00700	11/14/01	GW07853RG	CHLOROETHANE	REAL	RX1	6.7	UG/L	U	V1	1.7	6.66	29.4	D&D Bldg 776/777
00700	11/14/01	GW07853RG	CHLOROFORM	REAL	RX1	340	UG/L		V1	1.5	6.66	100	D&D Bldg 776/777
00700	11/14/01	GW07853RG	CHLOROMETHANE	REAL	RX1	6.7	UG/L	U	V1	2	6.66	6.55	D&D Bldg 776/777
00700	11/14/01	GW07853RG	cis-1,2-DICHLOROETHENE	REAL	RX1	6.7	UG/L	U	V1	1.7	6.66	70	D&D Bldg 776/777
00700	11/14/01	GW07853RG	cis-1,3-DICHLOROPROPENE	REAL	RX1	6.7	UG/L	U	V1	1.9	6.66	0.473	D&D Bldg 776/777
00700	11/14/01	GW07853RG	DIBROMOCHLOROMETHANE	REAL	RX1	6.7	UG/L	U	V1	2.5	6.66	1.01	D&D Bldg 776/777
00700	11/14/01	GW07853RG	DIBROMOMETHANE	REAL	RX1	6.7	UG/L	U	V1	2.9	6.66		D&D Bldg 776/777
00700	11/14/01	GW07853RG	DICHLORODIFLUOROMETHANE	REAL	RX1	15	UG/L		V1	1.5	6.66		D&D Bldg 776/777
00700	11/14/01	GW07853RG	ETHYLBENZENE	REAL	RX1	6.7	UG/L	U	UJ1	1.9	6.66	700	D&D Bldg 776/777
00700	11/14/01	GW07853RG	HEXACHLOROBUTADIENE	REAL	RX1	6.7	UG/L	U	V1	1.9	6.66	1.09	D&D Bldg 776/777
00700	11/14/01	GW07853RG	ISOPROPYLBENZENE	REAL	RX1	6.7	UG/L	U	UJ1	2.1	6.66		D&D Bldg 776/777
00700	11/14/01	GW07853RG	METHYLENE CHLORIDE	REAL	RX1	6.7	UG/L	U	V1	5.9	6.66	5	D&D Bldg 776/777
00700	11/14/01	GW07853RG	NAPHTHALENE	REAL	RX1	6.7	UG/L	U	UJ1	1	6.66	1460	D&D Bldg 776/777
00700	11/14/01	GW07853RG	n-BUTYLBENZENE	REAL	RX1	6.7	UG/L	U	UJ1	1.7	6.66		D&D Bldg 776/777
00700	11/14/01	GW07853RG	n-PROPYLBENZENE	REAL	RX1	6.7	UG/L	U	UJ1	1.5	6.66		D&D Bldg 776/777
00700	11/14/01	GW07853RG	o-CHLOROTOLUENE	REAL	RX1	6.7	UG/L	U	UJ1	2.1	6.66		D&D Bldg 776/777
00700	11/14/01	GW07853RG	p-CHLOROTOLUENE	REAL	RX1	6.7	UG/L	U	UJ1	1.7	6.66		D&D Bldg 776/777
00700	11/14/01	GW07853RG	PROPANE, 1,2-DIBROMO-3-CHLORO-	REAL	RX1	6.7	UG/L	U	V1	1.7	6.66	0.2	D&D Bldg 776/777
00700	11/14/01	GW07853RG	sec-BUTYLBENZENE	REAL	RX1	6.7	UG/L	U	UJ1	1.7	6.66		D&D Bldg 776/777
00700	11/14/01	GW07853RG	STYRENE	REAL	RX1	6.7	UG/L	U	UJ1	1.8	6.66	100	D&D Bldg 776/777
00700	11/14/01	GW07853RG	tert-BUTYLBENZENE	REAL	RX1	6.7	UG/L	U	UJ1	1.9	6.66		D&D Bldg 776/777
00700	11/14/01	GW07853RG	TETRACHLOROETHENE	REAL	RX1	11	UG/L		V1	2.4	6.66	5	D&D Bldg 776/777
00700	11/14/01	GW07853RG	TOLUENE	REAL	RX1	6.7	UG/L	U	UJ1	1.9	6.66	1000	D&D Bldg 776/777
00700	11/14/01	GW07853RG	TOTAL XYLENES	REAL	RX1	6.7	UG/L	U	UJ1	6.3	6.66	10000	D&D Bldg 776/777
00700	11/14/01	GW07853RG	trans-1,2-DICHLOROETHENE	REAL	RX1	3.3	UG/L	U	V1	1.8	6.66	70	D&D Bldg 776/777
00700	11/14/01	GW07853RG	trans-1,3-DICHLOROPROPENE	REAL	RX1	6.7	UG/L	U	V1	2.8	6.66	0.473	D&D Bldg 776/777
00700	11/14/01	GW07853RG	TRICHLOROETHENE	REAL	RX1	2.7	UG/L	J	V1	1.5	6.66	5	D&D Bldg 776/777
00700	11/14/01	GW07853RG	TRICHLOROFLUOROMETHANE	REAL	RX1	5.4	UG/L	J	V1	1.9	6.66		D&D Bldg 776/777
00700	11/14/01	GW07853RG	VINYL CHLORIDE	REAL	RX1	6.7	UG/L	U	V1	1.4	6.66	2	D&D Bldg 776/777
00897	10/5/01	GW07775RG	1,1,1,2-TETRACHLOROETHANE	REAL	RX1	100	UG/L	U	V1	22	100		Perf Monitoring
00897	10/5/01	GW07775RG	1,1,1-TRICHLOROETHANE	REAL	RX1	100	UG/L	U	V1	26	100	200	Perf Monitoring
00897	10/5/01	GW07775RG	1,1,2,2-TETRACHLOROETHANE	REAL	RX1	100	UG/L	U	V1	31	100	0.426	Perf Monitoring

Appendix A: Groundwater Analytical Data - Dissolved Gasses and Volatile Organic Compounds Fourth Quarter 2001

Location	Sample Date	Sample #	Analyte	QC Type	Result Type	Result	Units	Lab Qual	Valid-ation	Detect Limit	Dilu-tion	Tier II	IMP Well Class
00897	10/5/01	GW07775RG	1,1,2-TRICHLOROETHANE	REAL	RX1	100	UG/L	U	V1	39	100	5	Perf Monitoring
00897	10/5/01	GW07775RG	1,1,2-TRICHLOROTRIFLUOROETHANE	REAL	RX1	100	UG/L	U	V1	21	100		Perf Monitoring
00897	10/5/01	GW07775RG	1,1-DICHLOROETHANE	REAL	RX1	100	UG/L	U	V1	17	100	3650	Perf Monitoring
00897	10/5/01	GW07775RG	1,1-DICHLOROETHENE	REAL	RX1	100	UG/L	U	V1	20	100	7	Perf Monitoring
00897	10/5/01	GW07775RG	1,1-DICHLOROPROPENE	REAL	RX1	100	UG/L	U	V1	22	100		Perf Monitoring
00897	10/5/01	GW07775RG	1,2,3-TRICHLOROBENZENE	REAL	RX1	100	UG/L	U	UJ1	16	100		Perf Monitoring
00897	10/5/01	GW07775RG	1,2,3-TRICHLOROPROPANE	REAL	RX1	100	UG/L	U	V1	29	100		Perf Monitoring
00897	10/5/01	GW07775RG	1,2,4-TRICHLOROBENZENE	REAL	RX1	100	UG/L	U	UJ1	20	100	70	Perf Monitoring
00897	10/5/01	GW07775RG	1,2-DIBROMOETHANE	REAL	RX1	100	UG/L	U	V1	36	100		Perf Monitoring
00897	10/5/01	GW07775RG	1,2-DICHLOROBENZENE	REAL	RX1	100	UG/L	U	UJ1	24	100	600	Perf Monitoring
00897	10/5/01	GW07775RG	1,2-DICHLOROETHANE	REAL	RX1	100	UG/L	U	V1	28	100	5	Perf Monitoring
00897	10/5/01	GW07775RG	1,2-DICHLOROPROPANE	REAL	RX1	100	UG/L	U	V1	21	100	5	Perf Monitoring
00897	10/5/01	GW07775RG	1,3-DICHLOROBENZENE	REAL	RX1	100	UG/L	U	UJ1	26	100	600	Perf Monitoring
00897	10/5/01	GW07775RG	1,3-DICHLOROPROPANE	REAL	RX1	100	UG/L	U	V1	26	100		Perf Monitoring
00897	10/5/01	GW07775RG	1,4-DICHLOROBENZENE	REAL	RX1	100	UG/L	U	UJ1	24	100	75	Perf Monitoring
00897	10/5/01	GW07775RG	2,2-DICHLOROPROPANE	REAL	RX1	100	UG/L	U	V1	21	100		Perf Monitoring
00897	10/5/01	GW07775RG	2-BUTANONE	REAL	RX1	500	UG/L	U	V1	93	100	21900	Perf Monitoring
00897	10/5/01	GW07775RG	2-HEXANONE	REAL	RX1	500	UG/L	U	V1	70	100		Perf Monitoring
00897	10/5/01	GW07775RG	4-ISOPROPYLTOLUENE	REAL	RX1	100	UG/L	U	UJ1	30	100		Perf Monitoring
00897	10/5/01	GW07775RG	4-METHYL-2-PENTANONE	REAL	RX1	500	UG/L	U	V1	79	100	2920	Perf Monitoring
00897	10/5/01	GW07775RG	ACETONE	REAL	RX1	1000	UG/L	U	V1	190	100	3650	Perf Monitoring
00897	10/5/01	GW07775RG	BENZENE	REAL	RX1	100	UG/L	U	UJ1	21	100	5	Perf Monitoring
00897	10/5/01	GW07775RG	BENZENE, 1,2,4-TRIMETHYL	REAL	RX1	100	UG/L	U	UJ1	22	100		Perf Monitoring
00897	10/5/01	GW07775RG	BENZENE, 1,3,5-TRIMETHYL-	REAL	RX1	100	UG/L	U	UJ1	29	100		Perf Monitoring
00897	10/5/01	GW07775RG	BROMOBENZENE	REAL	RX1	100	UG/L	U	UJ1	24	100		Perf Monitoring
00897	10/5/01	GW07775RG	BROMOCHLOROMETHANE	REAL	RX1	100	UG/L	U	V1	21	100		Perf Monitoring
00897	10/5/01	GW07775RG	BROMODICHLOROMETHANE	REAL	RX1	100	UG/L	U	V1	22	100	100	Perf Monitoring
00897	10/5/01	GW07775RG	BROMOFORM	REAL	RX1	100	UG/L	U	V1	32	100	100	Perf Monitoring
00897	10/5/01	GW07775RG	BROMOMETHANE	REAL	RX1	100	UG/L	U	UJ1	30	100	51.1	Perf Monitoring
00897	10/5/01	GW07775RG	CARBON DISULFIDE	REAL	RX1	100	UG/L	U	V1	19	100	3650	Perf Monitoring
00897	10/5/01	GW07775RG	CARBON TETRACHLORIDE	REAL	RX1	100	UG/L	U	V1	19	100	5	Perf Monitoring
00897	10/5/01	GW07775RG	CHLOROBENZENE	REAL	RX1	100	UG/L	U	UJ1	30	100	100	Perf Monitoring
00897	10/5/01	GW07775RG	CHLOROETHANE	REAL	RX1	100	UG/L	U	V1	25	100	29.4	Perf Monitoring
00897	10/5/01	GW07775RG	CHLOROFORM	REAL	RX1	100	UG/L	U	V1	23	100	100	Perf Monitoring
00897	10/5/01	GW07775RG	CHLOROMETHANE	REAL	RX1	100	UG/L	U	V1	30	100	6.55	Perf Monitoring
00897	10/5/01	GW07775RG	cis-1,2-DICHLOROETHENE	REAL	RX1	57	UG/L	J	V1	26	100	70	Perf Monitoring
00897	10/5/01	GW07775RG	cis-1,3-DICHLOROPROPENE	REAL	RX1	100	UG/L	U	V1	28	100	0.473	Perf Monitoring
00897	10/5/01	GW07775RG	DIBROMOCHLOROMETHANE	REAL	RX1	100	UG/L	U	V1	38	100	1.01	Perf Monitoring
00897	10/5/01	GW07775RG	DIBROMOMETHANE	REAL	RX1	100	UG/L	U	V1	44	100		Perf Monitoring
00897	10/5/01	GW07775RG	DICHLORODIFLUOROMETHANE	REAL	RX1	100	UG/L	U	V1	23	100		Perf Monitoring
00897	10/5/01	GW07775RG	ETHYLBENZENE	REAL	RX1	100	UG/L	U	UJ1	28	100	700	Perf Monitoring
00897	10/5/01	GW07775RG	HEXACHLOROBUTADIENE	REAL	RX1	100	UG/L	U	V1	29	100	1.09	Perf Monitoring
00897	10/5/01	GW07775RG	ISOPROPYLBENZENE	REAL	RX1	100	UG/L	U	UJ1	31	100		Perf Monitoring
00897	10/5/01	GW07775RG	METHYLENE CHLORIDE	REAL	RX1	100	UG/L	U	V1	89	100	5	Perf Monitoring
00897	10/5/01	GW07775RG	NAPHTHALENE	REAL	RX1	100	UG/L	U	UJ1	15	100	1460	Perf Monitoring
00897	10/5/01	GW07775RG	n-BUTYLBENZENE	REAL	RX1	100	UG/L	U	UJ1	26	100		Perf Monitoring
00897	10/5/01	GW07775RG	n-PROPYLBENZENE	REAL	RX1	100	UG/L	U	UJ1	23	100		Perf Monitoring
00897	10/5/01	GW07775RG	o-CHLOROTOLUENE	REAL	RX1	100	UG/L	U	UJ1	31	100		Perf Monitoring
00897	10/5/01	GW07775RG	p-CHLOROTOLUENE	REAL	RX1	100	UG/L	U	UJ1	25	100		Perf Monitoring
00897	10/5/01	GW07775RG	PROPANE, 1,2-DIBROMO-3-CHLORO-	REAL	RX1	100	UG/L	U	V1	25	100	0.2	Perf Monitoring
00897	10/5/01	GW07775RG	sec-BUTYLBENZENE	REAL	RX1	100	UG/L	U	UJ1	26	100		Perf Monitoring
00897	10/5/01	GW07775RG	STYRENE	REAL	RX1	100	UG/L	U	UJ1	27	100	100	Perf Monitoring
00897	10/5/01	GW07775RG	tert-BUTYLBENZENE	REAL	RX1	100	UG/L	U	UJ1	29	100		Perf Monitoring
00897	10/5/01	GW07775RG	TETRACHLOROETHENE	REAL	DL1	22000	UG/L		V1	360	1000	5	Perf Monitoring
00897	10/5/01	GW07775RG	TOLUENE	REAL	RX1	100	UG/L	U	UJ1	29	100	1000	Perf Monitoring
00897	10/5/01	GW07775RG	TOTAL XYLENES	REAL	RX1	100	UG/L	U	UJ1	95	100	10000	Perf Monitoring

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Location	Sample Date	Sample #	Analyte	QC Type	Result Type	Result	Units	Lab Qual	Valid-ation	Detect Limit	Dilu-tion	Tier II	IMP Well Class
00897	10/5/01	GW07775RG	trans-1,2-DICHLOROETHENE	REAL	RX1	50	UG/L	U	V1	27	100	70	Perf Monitoring
00897	10/5/01	GW07775RG	trans-1,3-DICHLOROPROPENE	REAL	RX1	100	UG/L	U	V1	42	100	0.473	Perf Monitoring
00897	10/5/01	GW07775RG	TRICHLOROETHENE	REAL	RX1	1500	UG/L		V1	22	100	5	Perf Monitoring
00897	10/5/01	GW07775RG	TRICHLOROFLUOROMETHANE	REAL	RX1	100	UG/L	U	V1	28	100		Perf Monitoring
00897	10/5/01	GW07775RG	VINYL CHLORIDE	REAL	RX1	100	UG/L	U	V1	21	100	2	Perf Monitoring
02291	10/11/01	GW07776RG	1,1,1,2-TETRACHLOROETHANE	REAL	RX1	1.6	UG/L	J	V1	1.5	6.66		Perf Monitoring
02291	10/11/01	GW07777RG	1,1,1,2-TETRACHLOROETHANE	DUP	RX1	6.7	UG/L	U	V1	1.5	6.66		Perf Monitoring
02291	10/11/01	GW07776RG	1,1,1-TRICHLOROETHANE	REAL	RX1	1.9	UG/L	J	V1	1.7	6.66	200	Perf Monitoring
02291	10/11/01	GW07777RG	1,1,1-TRICHLOROETHANE	DUP	RX1	1.9	UG/L	J	V1	1.7	6.66	200	Perf Monitoring
02291	10/11/01	GW07776RG	1,1,2,2-TETRACHLOROETHANE	REAL	RX1	6.7	UG/L	U	V1	2.1	6.66	0.426	Perf Monitoring
02291	10/11/01	GW07777RG	1,1,2,2-TETRACHLOROETHANE	DUP	RX1	6.7	UG/L	U	V1	2.1	6.66	0.426	Perf Monitoring
02291	10/11/01	GW07776RG	1,1,2-TRICHLOROETHANE	REAL	RX1	6.7	UG/L	U	V1	2.6	6.66	5	Perf Monitoring
02291	10/11/01	GW07777RG	1,1,2-TRICHLOROETHANE	DUP	RX1	6.7	UG/L	U	V1	2.6	6.66	5	Perf Monitoring
02291	10/11/01	GW07776RG	1,1,2-TRICHLOROTRIFLUOROETHANE	REAL	RX1	6.7	UG/L	U	V1	1.4	6.66		Perf Monitoring
02291	10/11/01	GW07777RG	1,1,2-TRICHLOROTRIFLUOROETHANE	DUP	RX1	6.7	UG/L	U	V1	1.4	6.66		Perf Monitoring
02291	10/11/01	GW07776RG	1,1-DICHLOROETHANE	REAL	RX1	1.8	UG/L	J	V1	1.1	6.66	3650	Perf Monitoring
02291	10/11/01	GW07777RG	1,1-DICHLOROETHANE	DUP	RX1	1.7	UG/L	J	V1	1.1	6.66	3650	Perf Monitoring
02291	10/11/01	GW07776RG	1,1-DICHLOROETHENE	REAL	RX1	4.2	UG/L	J	V1	1.3	6.66	7	Perf Monitoring
02291	10/11/01	GW07777RG	1,1-DICHLOROETHENE	DUP	RX1	4.3	UG/L	J	V1	1.3	6.66	7	Perf Monitoring
02291	10/11/01	GW07776RG	1,1-DICHLOROPROPENE	REAL	RX1	6.7	UG/L	U	V1	1.5	6.66		Perf Monitoring
02291	10/11/01	GW07777RG	1,1-DICHLOROPROPENE	DUP	RX1	6.7	UG/L	U	V1	1.5	6.66		Perf Monitoring
02291	10/11/01	GW07776RG	1,2,3-TRICHLOROBENZENE	REAL	RX1	6.7	UG/L	U	UJ1	1.1	6.66		Perf Monitoring
02291	10/11/01	GW07777RG	1,2,3-TRICHLOROBENZENE	DUP	RX1	6.7	UG/L	U	UJ1	1.1	6.66		Perf Monitoring
02291	10/11/01	GW07776RG	1,2,3-TRICHLOROPROPANE	REAL	RX1	6.7	UG/L	U	V1	1.9	6.66		Perf Monitoring
02291	10/11/01	GW07777RG	1,2,3-TRICHLOROPROPANE	DUP	RX1	6.7	UG/L	U	V1	1.9	6.66		Perf Monitoring
02291	10/11/01	GW07776RG	1,2,4-TRICHLOROBENZENE	REAL	RX1	6.7	UG/L	U	UJ1	1.3	6.66	70	Perf Monitoring
02291	10/11/01	GW07777RG	1,2,4-TRICHLOROBENZENE	DUP	RX1	6.7	UG/L	U	UJ1	1.3	6.66	70	Perf Monitoring
02291	10/11/01	GW07776RG	1,2-DIBROMOETHANE	REAL	RX1	6.7	UG/L	U	V1	2.4	6.66		Perf Monitoring
02291	10/11/01	GW07777RG	1,2-DIBROMOETHANE	DUP	RX1	6.7	UG/L	U	V1	2.4	6.66		Perf Monitoring
02291	10/11/01	GW07776RG	1,2-DICHLOROBENZENE	REAL	RX1	6.7	UG/L	U	UJ1	1.6	6.66	600	Perf Monitoring
02291	10/11/01	GW07777RG	1,2-DICHLOROBENZENE	DUP	RX1	6.7	UG/L	U	UJ1	1.6	6.66	600	Perf Monitoring
02291	10/11/01	GW07776RG	1,2-DICHLOROETHANE	REAL	RX1	6.7	UG/L	U	V1	1.9	6.66	5	Perf Monitoring
02291	10/11/01	GW07777RG	1,2-DICHLOROETHANE	DUP	RX1	6.7	UG/L	U	V1	1.9	6.66	5	Perf Monitoring
02291	10/11/01	GW07776RG	1,2-DICHLOROPROPANE	REAL	RX1	6.7	UG/L	U	V1	1.4	6.66	5	Perf Monitoring
02291	10/11/01	GW07777RG	1,2-DICHLOROPROPANE	DUP	RX1	6.7	UG/L	U	V1	1.4	6.66	5	Perf Monitoring
02291	10/11/01	GW07776RG	1,3-DICHLOROBENZENE	REAL	RX1	6.7	UG/L	U	UJ1	1.7	6.66	600	Perf Monitoring
02291	10/11/01	GW07777RG	1,3-DICHLOROBENZENE	DUP	RX1	6.7	UG/L	U	UJ1	1.7	6.66	600	Perf Monitoring
02291	10/11/01	GW07776RG	1,3-DICHLOROPROPANE	REAL	RX1	6.7	UG/L	U	V1	1.7	6.66		Perf Monitoring
02291	10/11/01	GW07777RG	1,3-DICHLOROPROPANE	DUP	RX1	6.7	UG/L	U	V1	1.7	6.66		Perf Monitoring
02291	10/11/01	GW07776RG	1,4-DICHLOROBENZENE	REAL	RX1	6.7	UG/L	U	UJ1	1.6	6.66	75	Perf Monitoring
02291	10/11/01	GW07777RG	1,4-DICHLOROBENZENE	DUP	RX1	6.7	UG/L	U	UJ1	1.6	6.66	75	Perf Monitoring
02291	10/11/01	GW07776RG	2,2-DICHLOROPROPANE	REAL	RX1	6.7	UG/L	U	V1	1.4	6.66		Perf Monitoring
02291	10/11/01	GW07777RG	2,2-DICHLOROPROPANE	DUP	RX1	6.7	UG/L	U	V1	1.4	6.66		Perf Monitoring
02291	10/11/01	GW07776RG	2-BUTANONE	REAL	RX1	33	UG/L	U	V1	6.2	6.66	21900	Perf Monitoring
02291	10/11/01	GW07777RG	2-BUTANONE	DUP	RX1	33	UG/L	U	V1	6.2	6.66	21900	Perf Monitoring
02291	10/11/01	GW07776RG	2-HEXANONE	REAL	RX1	33	UG/L	U	V1	4.7	6.66		Perf Monitoring
02291	10/11/01	GW07777RG	2-HEXANONE	DUP	RX1	33	UG/L	U	V1	4.7	6.66		Perf Monitoring
02291	10/11/01	GW07776RG	4-ISOPROPYL TOLUENE	REAL	RX1	6.7	UG/L	U	UJ1	2	6.66		Perf Monitoring
02291	10/11/01	GW07777RG	4-ISOPROPYL TOLUENE	DUP	RX1	6.7	UG/L	U	UJ1	2	6.66		Perf Monitoring
02291	10/11/01	GW07776RG	4-METHYL-2-PENTANONE	REAL	RX1	33	UG/L	U	V1	5.3	6.66	2920	Perf Monitoring
02291	10/11/01	GW07777RG	4-METHYL-2-PENTANONE	DUP	RX1	33	UG/L	U	V1	5.3	6.66	2920	Perf Monitoring
02291	10/11/01	GW07776RG	ACETONE	REAL	RX1	67	UG/L	U	V1	13	6.66	3650	Perf Monitoring
02291	10/11/01	GW07777RG	ACETONE	DUP	RX1	67	UG/L	U	V1	13	6.66	3650	Perf Monitoring
02291	10/11/01	GW07776RG	BENZENE	REAL	RX1	6.7	UG/L	U	UJ1	1.4	6.66	5	Perf Monitoring
02291	10/11/01	GW07777RG	BENZENE	DUP	RX1	6.7	UG/L	U	UJ1	1.4	6.66	5	Perf Monitoring
02291	10/11/01	GW07776RG	BENZENE, 1,2,4-TRIMETHYL	REAL	RX1	6.7	UG/L	U	UJ1	1.5	6.66		Perf Monitoring

Appendix A: Groundwater Analytical Data - Dissolved Gasses and Volatile Organic Compounds Fourth Quarter 2001

Location	Sample Date	Sample #	Analyte	QC Type	Result Type	Result	Units	Lab Qual	Valid-ation	Detect Limit	Dilu-tion	Tier II	IMP Well Class
02291	10/11/01	GW07777RG	BENZENE, 1,2,4-TRIMETHYL	DUP	RX1	6.7	UG/L	U	UJ1	1.5	6.66		Perf Monitoring
02291	10/11/01	GW07776RG	BENZENE, 1,3,5-TRIMETHYL-	REAL	RX1	6.7	UG/L	U	UJ1	1.9	6.66		Perf Monitoring
02291	10/11/01	GW07777RG	BENZENE, 1,3,5-TRIMETHYL-	DUP	RX1	6.7	UG/L	U	UJ1	1.9	6.66		Perf Monitoring
02291	10/11/01	GW07776RG	BROMOBENZENE	REAL	RX1	6.7	UG/L	U	UJ1	1.6	6.66		Perf Monitoring
02291	10/11/01	GW07777RG	BROMOBENZENE	DUP	RX1	6.7	UG/L	U	UJ1	1.6	6.66		Perf Monitoring
02291	10/11/01	GW07776RG	BROMOCHLOROMETHANE	REAL	RX1	6.7	UG/L	U	V1	1.4	6.66		Perf Monitoring
02291	10/11/01	GW07777RG	BROMOCHLOROMETHANE	DUP	RX1	6.7	UG/L	U	V1	1.4	6.66		Perf Monitoring
02291	10/11/01	GW07776RG	BROMODICHLOROMETHANE	REAL	RX1	6.7	UG/L	U	V1	1.5	6.66	100	Perf Monitoring
02291	10/11/01	GW07777RG	BROMODICHLOROMETHANE	DUP	RX1	6.7	UG/L	U	V1	1.5	6.66	100	Perf Monitoring
02291	10/11/01	GW07776RG	BROMOFORM	REAL	RX1	6.7	UG/L	U	V1	2.1	6.66	100	Perf Monitoring
02291	10/11/01	GW07777RG	BROMOFORM	DUP	RX1	6.7	UG/L	U	V1	2.1	6.66	100	Perf Monitoring
02291	10/11/01	GW07776RG	BROMOMETHANE	REAL	RX1	6.7	UG/L	U	V1	2	6.66	51.1	Perf Monitoring
02291	10/11/01	GW07777RG	BROMOMETHANE	DUP	RX1	6.7	UG/L	U	V1	2	6.66	51.1	Perf Monitoring
02291	10/11/01	GW07776RG	CARBON DISULFIDE	REAL	RX1	6.7	UG/L	U	V1	1.3	6.66	3650	Perf Monitoring
02291	10/11/01	GW07777RG	CARBON DISULFIDE	DUP	RX1	6.7	UG/L	U	V1	1.3	6.66	3650	Perf Monitoring
02291	10/11/01	GW07776RG	CARBON TETRACHLORIDE	REAL	RX1	6.7	UG/L	U	V1	1.3	6.66	5	Perf Monitoring
02291	10/11/01	GW07777RG	CARBON TETRACHLORIDE	DUP	RX1	6.7	UG/L	U	V1	1.3	6.66	5	Perf Monitoring
02291	10/11/01	GW07776RG	CHLOROBENZENE	REAL	RX1	6.7	UG/L	U	UJ1	2	6.66	100	Perf Monitoring
02291	10/11/01	GW07777RG	CHLOROBENZENE	DUP	RX1	6.7	UG/L	U	UJ1	2	6.66	100	Perf Monitoring
02291	10/11/01	GW07776RG	CHLOROETHANE	REAL	RX1	6.7	UG/L	U	V1	1.7	6.66	29.4	Perf Monitoring
02291	10/11/01	GW07777RG	CHLOROETHANE	DUP	RX1	6.7	UG/L	U	V1	1.7	6.66	29.4	Perf Monitoring
02291	10/11/01	GW07776RG	CHLOROFORM	REAL	RX1	3	UG/L	J	V1	1.5	6.66	100	Perf Monitoring
02291	10/11/01	GW07777RG	CHLOROFORM	DUP	RX1	2.8	UG/L	J	V1	1.5	6.66	100	Perf Monitoring
02291	10/11/01	GW07776RG	CHLOROMETHANE	REAL	RX1	6.7	UG/L	U	V1	2	6.66	6.55	Perf Monitoring
02291	10/11/01	GW07777RG	CHLOROMETHANE	DUP	RX1	6.7	UG/L	U	V1	2	6.66	6.55	Perf Monitoring
02291	10/11/01	GW07776RG	cis-1,2-DICHLOROETHENE	REAL	RX1	21	UG/L		V1	1.7	6.66	70	Perf Monitoring
02291	10/11/01	GW07777RG	cis-1,2-DICHLOROETHENE	DUP	RX1	20	UG/L		V1	1.7	6.66	70	Perf Monitoring
02291	10/11/01	GW07776RG	cis-1,3-DICHLOROPROPENE	REAL	RX1	6.7	UG/L	U	V1	1.9	6.66	0.473	Perf Monitoring
02291	10/11/01	GW07777RG	cis-1,3-DICHLOROPROPENE	DUP	RX1	6.7	UG/L	U	V1	1.9	6.66	0.473	Perf Monitoring
02291	10/11/01	GW07776RG	DIBROMOCHLOROMETHANE	REAL	RX1	6.7	UG/L	U	V1	2.5	6.66	1.01	Perf Monitoring
02291	10/11/01	GW07777RG	DIBROMOCHLOROMETHANE	DUP	RX1	6.7	UG/L	U	V1	2.5	6.66	1.01	Perf Monitoring
02291	10/11/01	GW07776RG	DIBROMOMETHANE	REAL	RX1	6.7	UG/L	U	V1	2.9	6.66		Perf Monitoring
02291	10/11/01	GW07777RG	DIBROMOMETHANE	DUP	RX1	6.7	UG/L	U	V1	2.9	6.66		Perf Monitoring
02291	10/11/01	GW07776RG	DICHLORODIFLUOROMETHANE	REAL	RX1	6.7	UG/L	U	V1	1.5	6.66		Perf Monitoring
02291	10/11/01	GW07777RG	DICHLORODIFLUOROMETHANE	DUP	RX1	6.7	UG/L	U	V1	1.5	6.66		Perf Monitoring
02291	10/11/01	GW07776RG	ETHYLBENZENE	REAL	RX1	6.7	UG/L	U	UJ1	1.9	6.66	700	Perf Monitoring
02291	10/11/01	GW07777RG	ETHYLBENZENE	DUP	RX1	6.7	UG/L	U	UJ1	1.9	6.66	700	Perf Monitoring
02291	10/11/01	GW07776RG	HEXACHLOROBTADIENE	REAL	RX1	6.7	UG/L	U	V1	1.9	6.66	1.09	Perf Monitoring
02291	10/11/01	GW07777RG	HEXACHLOROBTADIENE	DUP	RX1	6.7	UG/L	U	V1	1.9	6.66	1.09	Perf Monitoring
02291	10/11/01	GW07776RG	ISOPROPYLBENZENE	REAL	RX1	6.7	UG/L	U	UJ1	2.1	6.66		Perf Monitoring
02291	10/11/01	GW07777RG	ISOPROPYLBENZENE	DUP	RX1	6.7	UG/L	U	UJ1	2.1	6.66		Perf Monitoring
02291	10/11/01	GW07776RG	METHYLENE CHLORIDE	REAL	RX1	6.7	UG/L	U	V1	5.9	6.66	5	Perf Monitoring
02291	10/11/01	GW07777RG	METHYLENE CHLORIDE	DUP	RX1	6.7	UG/L	U	V1	5.9	6.66	5	Perf Monitoring
02291	10/11/01	GW07776RG	NAPHTHALENE	REAL	RX1	6.7	UG/L	U	UJ1	1	6.66	1460	Perf Monitoring
02291	10/11/01	GW07777RG	NAPHTHALENE	DUP	RX1	6.7	UG/L	U	UJ1	1	6.66	1460	Perf Monitoring
02291	10/11/01	GW07776RG	n-BUTYLBENZENE	REAL	RX1	6.7	UG/L	U	UJ1	1.7	6.66		Perf Monitoring
02291	10/11/01	GW07777RG	n-BUTYLBENZENE	DUP	RX1	6.7	UG/L	U	UJ1	1.7	6.66		Perf Monitoring
02291	10/11/01	GW07776RG	n-PROPYLBENZENE	REAL	RX1	6.7	UG/L	U	UJ1	1.5	6.66		Perf Monitoring
02291	10/11/01	GW07777RG	n-PROPYLBENZENE	DUP	RX1	6.7	UG/L	U	UJ1	1.5	6.66		Perf Monitoring
02291	10/11/01	GW07776RG	o-CHLOROTOLUENE	REAL	RX1	6.7	UG/L	U	UJ1	2.1	6.66		Perf Monitoring
02291	10/11/01	GW07777RG	o-CHLOROTOLUENE	DUP	RX1	6.7	UG/L	U	UJ1	2.1	6.66		Perf Monitoring
02291	10/11/01	GW07776RG	p-CHLOROTOLUENE	REAL	RX1	6.7	UG/L	U	UJ1	1.7	6.66		Perf Monitoring
02291	10/11/01	GW07777RG	p-CHLOROTOLUENE	DUP	RX1	6.7	UG/L	U	UJ1	1.7	6.66		Perf Monitoring
02291	10/11/01	GW07776RG	PROPANE, 1,2-DIBROMO-3-CHLORO-	REAL	RX1	6.7	UG/L	U	V1	1.7	6.66	0.2	Perf Monitoring
02291	10/11/01	GW07777RG	PROPANE, 1,2-DIBROMO-3-CHLORO-	DUP	RX1	6.7	UG/L	U	V1	1.7	6.66	0.2	Perf Monitoring
02291	10/11/01	GW07776RG	sec-BUTYLBENZENE	REAL	RX1	6.7	UG/L	U	UJ1	1.7	6.66		Perf Monitoring



Appendix A: Groundwater Analytical Data - Dissolved Gasses and Volatile Organic Compounds Fourth Quarter 2001

Location	Sample Date	Sample #	Analyte	QC Type	Result Type	Result	Units	Lab Qual	Valid-ation	Detect Limit	Dilu-tion	Tier II	IMP Well Class
02291	10/11/01	GW07777RG	sec-BUTYLBENZENE	DUP	RX1	6.7	UG/L	U	UJ1	1.7	6.66		Perf Monitoring
02291	10/11/01	GW07776RG	STYRENE	REAL	RX1	6.7	UG/L	U	UJ1	1.8	6.66	100	Perf Monitoring
02291	10/11/01	GW07777RG	STYRENE	DUP	RX1	6.7	UG/L	U	UJ1	1.8	6.66	100	Perf Monitoring
02291	10/11/01	GW07776RG	tert-BUTYLBENZENE	REAL	RX1	6.7	UG/L	U	UJ1	1.9	6.66		Perf Monitoring
02291	10/11/01	GW07777RG	tert-BUTYLBENZENE	DUP	RX1	6.7	UG/L	U	UJ1	1.9	6.66		Perf Monitoring
02291	10/11/01	GW07776RG	TETRACHLOROETHENE	REAL	DL1	6800	UG/L		V1	72	200	5	Perf Monitoring
02291	10/11/01	GW07777RG	TETRACHLOROETHENE	DUP	DL1	6700	UG/L		V1	72	200	5	Perf Monitoring
02291	10/11/01	GW07776RG	TOLUENE	REAL	RX1	6.7	UG/L	U	UJ1	1.9	6.66	1000	Perf Monitoring
02291	10/11/01	GW07777RG	TOLUENE	DUP	RX1	6.7	UG/L	U	UJ1	1.9	6.66	1000	Perf Monitoring
02291	10/11/01	GW07776RG	TOTAL XYLENES	REAL	RX1	6.7	UG/L	U	UJ1	6.3	6.66	10000	Perf Monitoring
02291	10/11/01	GW07777RG	TOTAL XYLENES	DUP	RX1	6.7	UG/L	U	UJ1	6.3	6.66	10000	Perf Monitoring
02291	10/11/01	GW07776RG	trans-1,2-DICHLOROETHENE	REAL	RX1	3.3	UG/L	U	V1	1.8	6.66	70	Perf Monitoring
02291	10/11/01	GW07777RG	trans-1,2-DICHLOROETHENE	DUP	RX1	3.3	UG/L	U	V1	1.8	6.66	70	Perf Monitoring
02291	10/11/01	GW07776RG	trans-1,3-DICHLOROPROPENE	REAL	RX1	6.7	UG/L	U	V1	2.8	6.66	0.473	Perf Monitoring
02291	10/11/01	GW07777RG	trans-1,3-DICHLOROPROPENE	DUP	RX1	6.7	UG/L	U	V1	2.8	6.66	0.473	Perf Monitoring
02291	10/11/01	GW07776RG	TRICHLOROETHENE	REAL	DL1	630	UG/L		V1	44	200	5	Perf Monitoring
02291	10/11/01	GW07777RG	TRICHLOROETHENE	DUP	DL1	630	UG/L		V1	44	200	5	Perf Monitoring
02291	10/11/01	GW07776RG	TRICHLOROFLUOROMETHANE	REAL	RX1	6.7	UG/L	U	V1	1.9	6.66		Perf Monitoring
02291	10/11/01	GW07777RG	TRICHLOROFLUOROMETHANE	DUP	RX1	6.7	UG/L	U	V1	1.9	6.66		Perf Monitoring
02291	10/11/01	GW07776RG	VINYL CHLORIDE	REAL	RX1	6.7	UG/L	U	V1	1.4	6.66	2	Perf Monitoring
02291	10/11/01	GW07777RG	VINYL CHLORIDE	DUP	RX1	6.7	UG/L	U	V1	1.4	6.66	2	Perf Monitoring
02291	10/11/01	GW07778RG	1,1,1,2-TETRACHLOROETHANE	RNS	RX1	1	UG/L	U	V1	0.22	1		Perf Monitoring
02291	10/11/01	GW07778RG	1,1,1-TRICHLOROETHANE	RNS	RX1	1	UG/L	U	V1	0.26	1	200	Perf Monitoring
02291	10/11/01	GW07778RG	1,1,2,2-TETRACHLOROETHANE	RNS	RX1	1	UG/L	U	V1	0.31	1	0.426	Perf Monitoring
02291	10/11/01	GW07778RG	1,1,2-TRICHLOROETHANE	RNS	RX1	1	UG/L	U	V1	0.39	1	5	Perf Monitoring
02291	10/11/01	GW07778RG	1,1,2-TRICHLOROTRIFLUOROETHANE	RNS	RX1	1	UG/L	U	V1	0.21	1		Perf Monitoring
02291	10/11/01	GW07778RG	1,1-DICHLOROETHANE	RNS	RX1	1	UG/L	U	V1	0.17	1	3650	Perf Monitoring
02291	10/11/01	GW07778RG	1,1-DICHLOROETHENE	RNS	RX1	1	UG/L	U	V1	0.2	1	7	Perf Monitoring
02291	10/11/01	GW07778RG	1,1-DICHLOROPROPENE	RNS	RX1	1	UG/L	U	V1	0.22	1		Perf Monitoring
02291	10/11/01	GW07778RG	1,2,3-TRICHLOROBENZENE	RNS	RX1	1	UG/L	U	UJ1	0.16	1		Perf Monitoring
02291	10/11/01	GW07778RG	1,2,3-TRICHLOROPROPANE	RNS	RX1	1	UG/L	U	V1	0.29	1		Perf Monitoring
02291	10/11/01	GW07778RG	1,2,4-TRICHLOROBENZENE	RNS	RX1	1	UG/L	U	UJ1	0.2	1	70	Perf Monitoring
02291	10/11/01	GW07778RG	1,2-DIBROMOETHANE	RNS	RX1	1	UG/L	U	V1	0.36	1		Perf Monitoring
02291	10/11/01	GW07778RG	1,2-DICHLOROBENZENE	RNS	RX1	1	UG/L	U	UJ1	0.24	1	600	Perf Monitoring
02291	10/11/01	GW07778RG	1,2-DICHLOROETHANE	RNS	RX1	1	UG/L	U	V1	0.28	1	5	Perf Monitoring
02291	10/11/01	GW07778RG	1,2-DICHLOROPROPANE	RNS	RX1	1	UG/L	U	V1	0.21	1	5	Perf Monitoring
02291	10/11/01	GW07778RG	1,3-DICHLOROBENZENE	RNS	RX1	1	UG/L	U	UJ1	0.26	1	600	Perf Monitoring
02291	10/11/01	GW07778RG	1,3-DICHLOROPROPANE	RNS	RX1	1	UG/L	U	V1	0.26	1		Perf Monitoring
02291	10/11/01	GW07778RG	1,4-DICHLOROBENZENE	RNS	RX1	1	UG/L	U	UJ1	0.24	1	75	Perf Monitoring
02291	10/11/01	GW07778RG	2,2-DICHLOROPROPANE	RNS	RX1	1	UG/L	U	V1	0.21	1		Perf Monitoring
02291	10/11/01	GW07778RG	2-BUTANONE	RNS	RX1	5	UG/L	U	V1	0.93	1	21900	Perf Monitoring
02291	10/11/01	GW07778RG	2-HEXANONE	RNS	RX1	5	UG/L	U	V1	0.7	1		Perf Monitoring
02291	10/11/01	GW07778RG	4-ISOPROPYLTOLUENE	RNS	RX1	1	UG/L	U	UJ1	0.3	1		Perf Monitoring
02291	10/11/01	GW07778RG	4-METHYL-2-PENTANONE	RNS	RX1	5	UG/L	U	V1	0.79	1	2920	Perf Monitoring
02291	10/11/01	GW07778RG	ACETONE	RNS	RX1	10	UG/L	U	V1	1.9	1	3650	Perf Monitoring
02291	10/11/01	GW07778RG	BENZENE	RNS	RX1	1	UG/L	U	UJ1	0.21	1	5	Perf Monitoring
02291	10/11/01	GW07778RG	BENZENE, 1,2,4-TRIMETHYL	RNS	RX1	1	UG/L	U	UJ1	0.22	1		Perf Monitoring
02291	10/11/01	GW07778RG	BENZENE, 1,3,5-TRIMETHYL-	RNS	RX1	1	UG/L	U	UJ1	0.29	1		Perf Monitoring
02291	10/11/01	GW07778RG	BROMOBENZENE	RNS	RX1	1	UG/L	U	UJ1	0.24	1		Perf Monitoring
02291	10/11/01	GW07778RG	BROMOCHLOROMETHANE	RNS	RX1	1	UG/L	U	V1	0.21	1		Perf Monitoring
02291	10/11/01	GW07778RG	BROMODICHLOROMETHANE	RNS	RX1	1	UG/L	U	V1	0.22	1	100	Perf Monitoring
02291	10/11/01	GW07778RG	BROMOFORM	RNS	RX1	1	UG/L	U	V1	0.32	1	100	Perf Monitoring
02291	10/11/01	GW07778RG	BROMOMETHANE	RNS	RX1	1	UG/L	U	V1	0.3	1	51.1	Perf Monitoring
02291	10/11/01	GW07778RG	CARBON DISULFIDE	RNS	RX1	1	UG/L	U	V1	0.19	1	3650	Perf Monitoring
02291	10/11/01	GW07778RG	CARBON TETRACHLORIDE	RNS	RX1	1	UG/L	U	V1	0.19	1	5	Perf Monitoring
02291	10/11/01	GW07778RG	CHLOROBENZENE	RNS	RX1	1	UG/L	U	UJ1	0.3	1	100	Perf Monitoring

**Appendix A: Groundwater Analytical Data - Dissolved Gasses and Volatile Organic Compounds Fourth Quarter 2001**

Location	Sample Date	Sample #	Analyte	QC Type	Result Type	Result	Units	Lab Qual	Valid-ation	Detect Limit	Dilu-tion	Tier II	IMP Well Class
02291	10/11/01	GW07778RG	CHLOROETHANE	RNS	RX1	1	UG/L	U	V1	0.25	1	29.4	Perf Monitoring
02291	10/11/01	GW07778RG	CHLOROFORM	RNS	RX1	1	UG/L	U	V1	0.23	1	100	Perf Monitoring
02291	10/11/01	GW07778RG	CHLOROMETHANE	RNS	RX1	1	UG/L	U	V1	0.3	1	6.55	Perf Monitoring
02291	10/11/01	GW07778RG	cis-1,2-DICHLOROETHENE	RNS	RX1	0.33	UG/L	J	V1	0.26	1	70	Perf Monitoring
02291	10/11/01	GW07778RG	cis-1,3-DICHLOROPROPENE	RNS	RX1	1	UG/L	U	V1	0.28	1	0.473	Perf Monitoring
02291	10/11/01	GW07778RG	DIBROMOCHLOROMETHANE	RNS	RX1	1	UG/L	U	V1	0.38	1	1.01	Perf Monitoring
02291	10/11/01	GW07778RG	DIBROMOMETHANE	RNS	RX1	1	UG/L	U	V1	0.44	1		Perf Monitoring
02291	10/11/01	GW07778RG	DICHLORODIFLUOROMETHANE	RNS	RX1	1	UG/L	U	V1	0.23	1		Perf Monitoring
02291	10/11/01	GW07778RG	ETHYLBENZENE	RNS	RX1	1	UG/L	U	UJ1	0.28	1	700	Perf Monitoring
02291	10/11/01	GW07778RG	HEXACHLOROBUTADIENE	RNS	RX1	1	UG/L	U	V1	0.29	1	1.09	Perf Monitoring
02291	10/11/01	GW07778RG	ISOPROPYLBENZENE	RNS	RX1	1	UG/L	U	UJ1	0.31	1		Perf Monitoring
02291	10/11/01	GW07778RG	METHYLENE CHLORIDE	RNS	RX1	1	UG/L	U	V1	0.89	1	5	Perf Monitoring
02291	10/11/01	GW07778RG	NAPHTHALENE	RNS	RX1	1	UG/L	U	UJ1	0.15	1	1460	Perf Monitoring
02291	10/11/01	GW07778RG	n-BUTYLBENZENE	RNS	RX1	1	UG/L	U	UJ1	0.26	1		Perf Monitoring
02291	10/11/01	GW07778RG	n-PROPYLBENZENE	RNS	RX1	1	UG/L	U	UJ1	0.23	1		Perf Monitoring
02291	10/11/01	GW07778RG	o-CHLOROTOLUENE	RNS	RX1	1	UG/L	U	UJ1	0.31	1		Perf Monitoring
02291	10/11/01	GW07778RG	p-CHLOROTOLUENE	RNS	RX1	1	UG/L	U	UJ1	0.25	1		Perf Monitoring
02291	10/11/01	GW07778RG	PROPANE, 1,2-DIBROMO-3-CHLORO-	RNS	RX1	1	UG/L	U	V1	0.25	1	0.2	Perf Monitoring
02291	10/11/01	GW07778RG	sec-BUTYLBENZENE	RNS	RX1	1	UG/L	U	UJ1	0.26	1		Perf Monitoring
02291	10/11/01	GW07778RG	STYRENE	RNS	RX1	1	UG/L	U	UJ1	0.27	1	100	Perf Monitoring
02291	10/11/01	GW07778RG	tert-BUTYLBENZENE	RNS	RX1	1	UG/L	U	UJ1	0.29	1		Perf Monitoring
02291	10/11/01	GW07778RG	TRACHLOROETHENE	RNS	DL1	250	UG/L		V1	2.4	6.66	5	Perf Monitoring
02291	10/11/01	GW07778RG	TOLUENE	RNS	RX1	1	UG/L	U	UJ1	0.29	1	1000	Perf Monitoring
02291	10/11/01	GW07778RG	TOTAL XYLENES	RNS	RX1	1	UG/L	U	UJ1	0.95	1	10000	Perf Monitoring
02291	10/11/01	GW07778RG	trans-1,2-DICHLOROETHENE	RNS	RX1	0.5	UG/L	U	V1	0.27	1	70	Perf Monitoring
02291	10/11/01	GW07778RG	trans-1,3-DICHLOROPROPENE	RNS	RX1	1	UG/L	U	V1	0.42	1	0.473	Perf Monitoring
02291	10/11/01	GW07778RG	TRICHLOROETHENE	RNS	RX1	27	UG/L		V1	0.22	1	5	Perf Monitoring
02291	10/11/01	GW07778RG	TRICHLOROFLUOROMETHANE	RNS	RX1	1	UG/L	U	V1	0.28	1		Perf Monitoring
02291	10/11/01	GW07778RG	VINYL CHLORIDE	RNS	RX1	1	UG/L	U	V1	0.21	1	2	Perf Monitoring
02497	10/23/01	GW07862RG	1,1,1,2-TETRACHLOROETHANE	REAL	TR1	1	UG/L	U	V1	0.22	1		D&D Bldg 779
02497	10/23/01	GW07862RG	1,1,1-TRICHLOROETHANE	REAL	TR1	1	UG/L	U	V1	0.26	1	200	D&D Bldg 779
02497	10/23/01	GW07862RG	1,1,2,2-TETRACHLOROETHANE	REAL	TR1	1	UG/L	U	V1	0.31	1	0.426	D&D Bldg 779
02497	10/23/01	GW07862RG	1,1,2-TRICHLOROETHANE	REAL	TR1	1	UG/L	U	V1	0.39	1	5	D&D Bldg 779
02497	10/23/01	GW07862RG	1,1,2-TRICHLOROTRIFLUOROETHANE	REAL	TR1	1	UG/L	U	V1	0.21	1		D&D Bldg 779
02497	10/23/01	GW07862RG	1,1-DICHLOROETHANE	REAL	TR1	1	UG/L	U	V1	0.17	1	3650	D&D Bldg 779
02497	10/23/01	GW07862RG	1,1-DICHLOROETHENE	REAL	TR1	1	UG/L	U	V1	0.2	1	7	D&D Bldg 779
02497	10/23/01	GW07862RG	1,1-DICHLOROPROPENE	REAL	TR1	1	UG/L	U	V1	0.22	1		D&D Bldg 779
02497	10/23/01	GW07862RG	1,2,3-TRICHLOROBENZENE	REAL	TR1	1	UG/L	U	UJ1	0.16	1		D&D Bldg 779
02497	10/23/01	GW07862RG	1,2,3-TRICHLOROPROPANE	REAL	TR1	1	UG/L	U	V1	0.29	1		D&D Bldg 779
02497	10/23/01	GW07862RG	1,2,4-TRICHLOROBENZENE	REAL	TR1	1	UG/L	U	UJ1	0.2	1	70	D&D Bldg 779
02497	10/23/01	GW07862RG	1,2-DIBROMOETHANE	REAL	TR1	1	UG/L	U	V1	0.36	1		D&D Bldg 779
02497	10/23/01	GW07862RG	1,2-DICHLOROBENZENE	REAL	TR1	1	UG/L	U	UJ1	0.24	1	600	D&D Bldg 779
02497	10/23/01	GW07862RG	1,2-DICHLOROETHANE	REAL	TR1	1	UG/L	U	V1	0.28	1	5	D&D Bldg 779
02497	10/23/01	GW07862RG	1,2-DICHLOROPROPANE	REAL	TR1	1	UG/L	U	V1	0.21	1	5	D&D Bldg 779
02497	10/23/01	GW07862RG	1,3-DICHLOROBENZENE	REAL	TR1	1	UG/L	U	UJ1	0.26	1	600	D&D Bldg 779
02497	10/23/01	GW07862RG	1,3-DICHLOROPROPANE	REAL	TR1	1	UG/L	U	V1	0.26	1		D&D Bldg 779
02497	10/23/01	GW07862RG	1,4-DICHLOROBENZENE	REAL	TR1	1	UG/L	U	UJ1	0.24	1	75	D&D Bldg 779
02497	10/23/01	GW07862RG	2,2-DICHLOROPROPANE	REAL	TR1	1	UG/L	U	V1	0.21	1		D&D Bldg 779
02497	10/23/01	GW07862RG	2-BUTANONE	REAL	TR1	5	UG/L	U	UJ1	0.93	1	21900	D&D Bldg 779
02497	10/23/01	GW07862RG	2-HEXANONE	REAL	TR1	5	UG/L	U	UJ1	0.7	1		D&D Bldg 779
02497	10/23/01	GW07862RG	4-ISOPROPYLTOLUENE	REAL	TR1	1	UG/L	U	UJ1	0.3	1		D&D Bldg 779
02497	10/23/01	GW07862RG	4-METHYL-2-PENTANONE	REAL	TR1	5	UG/L	U	V1	0.79	1	2920	D&D Bldg 779
02497	10/23/01	GW07862RG	ACETONE	REAL	TR1	10	UG/L	U	UJ1	1.9	1	3650	D&D Bldg 779
02497	10/23/01	GW07862RG	BENZENE	REAL	TR1	1	UG/L	U	UJ1	0.21	1	5	D&D Bldg 779
02497	10/23/01	GW07862RG	BENZENE, 1,2,4-TRIMETHYL	REAL	TR1	1	UG/L	U	UJ1	0.22	1		D&D Bldg 779
02497	10/23/01	GW07862RG	BENZENE, 1,3,5-TRIMETHYL-	REAL	TR1	1	UG/L	U	UJ1	0.29	1		D&D Bldg 779

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Location	Sample Date	Sample #	Analyte	QC Type	Result Type	Result	Units	Lab Qual	Valid-ation	Detect Limit	Dilution	Tier II	IMP Well Class
02497	10/23/01	GW07862RG	BROMOBENZENE	REAL	TR1	1	UG/L	U	UJ1	0.24	1		D&D Bldg 779
02497	10/23/01	GW07862RG	BROMOCHLOROMETHANE	REAL	TR1	1	UG/L	U	V1	0.21	1		D&D Bldg 779
02497	10/23/01	GW07862RG	BROMODICHLOROMETHANE	REAL	TR1	1	UG/L	U	V1	0.22	1	100	D&D Bldg 779
02497	10/23/01	GW07862RG	BROMOFORM	REAL	TR1	1	UG/L	U	V1	0.32	1	100	D&D Bldg 779
02497	10/23/01	GW07862RG	BROMOMETHANE	REAL	TR1	1	UG/L	U	UJ1	0.3	1	51.1	D&D Bldg 779
02497	10/23/01	GW07862RG	CARBON DISULFIDE	REAL	TR1	1	UG/L	U	V1	0.19	1	3650	D&D Bldg 779
02497	10/23/01	GW07862RG	CARBON TETRACHLORIDE	REAL	TR1	1	UG/L	U	V1	0.19	1	5	D&D Bldg 779
02497	10/23/01	GW07862RG	CHLOROBENZENE	REAL	TR1	1	UG/L	U	UJ1	0.3	1	100	D&D Bldg 779
02497	10/23/01	GW07862RG	CHLOROETHANE	REAL	TR1	1	UG/L	U	V1	0.25	1	29.4	D&D Bldg 779
02497	10/23/01	GW07862RG	CHLOROFORM	REAL	TR1	5.3	UG/L		V1	0.23	1	100	D&D Bldg 779
02497	10/23/01	GW07862RG	CHLOROMETHANE	REAL	TR1	1	UG/L	U	V1	0.3	1	6.55	D&D Bldg 779
02497	10/23/01	GW07862RG	cis-1,2-DICHLOROETHENE	REAL	TR1	1	UG/L	U	V1	0.26	1	70	D&D Bldg 779
02497	10/23/01	GW07862RG	cis-1,3-DICHLOROPROPENE	REAL	TR1	1	UG/L	U	V1	0.28	1	0.473	D&D Bldg 779
02497	10/23/01	GW07862RG	DIBROMOCHLOROMETHANE	REAL	TR1	1	UG/L	U	V1	0.38	1	1.01	D&D Bldg 779
02497	10/23/01	GW07862RG	DIBROMOMETHANE	REAL	TR1	1	UG/L	U	V1	0.44	1		D&D Bldg 779
02497	10/23/01	GW07862RG	DICHLORODIFLUOROMETHANE	REAL	TR1	0.57	UG/L	J	V1	0.23	1		D&D Bldg 779
02497	10/23/01	GW07862RG	ETHYLBENZENE	REAL	TR1	1	UG/L	U	UJ1	0.28	1	700	D&D Bldg 779
02497	10/23/01	GW07862RG	HEXACHLOROBUTADIENE	REAL	TR1	1	UG/L	U	V1	0.29	1	1.09	D&D Bldg 779
02497	10/23/01	GW07862RG	ISOPROPYLBENZENE	REAL	TR1	1	UG/L	U	UJ1	0.31	1		D&D Bldg 779
02497	10/23/01	GW07862RG	METHYLENE CHLORIDE	REAL	TR1	1	UG/L	U	V1	0.89	1	5	D&D Bldg 779
02497	10/23/01	GW07862RG	NAPHTHALENE	REAL	TR1	1	UG/L	U	UJ1	0.15	1	1460	D&D Bldg 779
02497	10/23/01	GW07862RG	n-BUTYLBENZENE	REAL	TR1	1	UG/L	U	UJ1	0.26	1		D&D Bldg 779
02497	10/23/01	GW07862RG	n-PROPYLBENZENE	REAL	TR1	1	UG/L	U	UJ1	0.23	1		D&D Bldg 779
02497	10/23/01	GW07862RG	o-CHLOROTOLUENE	REAL	TR1	1	UG/L	U	UJ1	0.31	1		D&D Bldg 779
02497	10/23/01	GW07862RG	p-CHLOROTOLUENE	REAL	TR1	1	UG/L	U	UJ1	0.25	1		D&D Bldg 779
02497	10/23/01	GW07862RG	PROPANE, 1,2-DIBROMO-3-CHLORO-	REAL	TR1	1	UG/L	U	V1	0.25	1	0.2	D&D Bldg 779
02497	10/23/01	GW07862RG	sec-BUTYLBENZENE	REAL	TR1	1	UG/L	U	UJ1	0.26	1		D&D Bldg 779
02497	10/23/01	GW07862RG	STYRENE	REAL	TR1	1	UG/L	U	UJ1	0.27	1	100	D&D Bldg 779
02497	10/23/01	GW07862RG	tert-BUTYLBENZENE	REAL	TR1	1	UG/L	U	UJ1	0.29	1		D&D Bldg 779
02497	10/23/01	GW07862RG	TETRACHLOROETHENE	REAL	TR1	1	UG/L	U	V1	0.36	1	5	D&D Bldg 779
02497	10/23/01	GW07862RG	TOLUENE	REAL	TR1	1	UG/L	U	UJ1	0.29	1	1000	D&D Bldg 779
02497	10/23/01	GW07862RG	TOTAL XYLENES	REAL	TR1	1	UG/L	U	UJ1	0.95	1	10000	D&D Bldg 779
02497	10/23/01	GW07862RG	trans-1,2-DICHLOROETHENE	REAL	TR1	0.5	UG/L	U	V1	0.27	1	70	D&D Bldg 779
02497	10/23/01	GW07862RG	trans-1,3-DICHLOROPROPENE	REAL	TR1	1	UG/L	U	V1	0.42	1	0.473	D&D Bldg 779
02497	10/23/01	GW07862RG	TRICHLOROETHENE	REAL	TR1	2.2	UG/L		V1	0.22	1	5	D&D Bldg 779
02497	10/23/01	GW07862RG	TRICHLOROFLUOROMETHANE	REAL	TR1	1	UG/L	U	V1	0.28	1		D&D Bldg 779
02497	10/23/01	GW07862RG	VINYL CHLORIDE	REAL	TR1	1	UG/L	U	V1	0.21	1	2	D&D Bldg 779
02500	10/23/01	GW07858RG	1,1,1,2-TETRACHLOROETHANE	REAL	TR1	1	UG/L	U	V1	0.22	1		D&D Bldg 779
02500	10/23/01	GW07859RG	1,1,1,2-TETRACHLOROETHANE	DUP	TR1	1	UG/L	U	V1	0.22	1		D&D Bldg 779
02500	10/23/01	GW07858RG	1,1,1-TRICHLOROETHANE	REAL	TR1	1	UG/L	U	V1	0.26	1	200	D&D Bldg 779
02500	10/23/01	GW07859RG	1,1,1-TRICHLOROETHANE	DUP	TR1	1	UG/L	U	V1	0.26	1	200	D&D Bldg 779
02500	10/23/01	GW07858RG	1,1,2,2-TETRACHLOROETHANE	REAL	TR1	1	UG/L	U	V1	0.31	1	0.426	D&D Bldg 779
02500	10/23/01	GW07859RG	1,1,2,2-TETRACHLOROETHANE	DUP	TR1	1	UG/L	U	V1	0.31	1	0.426	D&D Bldg 779
02500	10/23/01	GW07858RG	1,1,2-TRICHLOROETHANE	REAL	TR1	1	UG/L	U	V1	0.39	1	5	D&D Bldg 779
02500	10/23/01	GW07859RG	1,1,2-TRICHLOROETHANE	DUP	TR1	1	UG/L	U	V1	0.39	1	5	D&D Bldg 779
02500	10/23/01	GW07858RG	1,1,2-TRICHLOROTRIFLUOROETHANE	REAL	TR1	43	UG/L		V1	0.21	1		D&D Bldg 779
02500	10/23/01	GW07859RG	1,1,2-TRICHLOROTRIFLUOROETHANE	DUP	TR1	48	UG/L		V1	0.21	1		D&D Bldg 779
02500	10/23/01	GW07858RG	1,1-DICHLOROETHANE	REAL	TR1	1	UG/L	U	V1	0.17	1	3650	D&D Bldg 779
02500	10/23/01	GW07859RG	1,1-DICHLOROETHANE	DUP	TR1	1	UG/L	U	V1	0.17	1	3650	D&D Bldg 779
02500	10/23/01	GW07858RG	1,1-DICHLOROETHENE	REAL	TR1	0.25	UG/L	J	V1	0.2	1	7	D&D Bldg 779
02500	10/23/01	GW07859RG	1,1-DICHLOROETHENE	DUP	TR1	0.35	UG/L	J	V1	0.2	1	7	D&D Bldg 779
02500	10/23/01	GW07858RG	1,1-DICHLOROPROPENE	REAL	TR1	1	UG/L	U	V1	0.22	1		D&D Bldg 779
02500	10/23/01	GW07859RG	1,1-DICHLOROPROPENE	DUP	TR1	1	UG/L	U	V1	0.22	1		D&D Bldg 779
02500	10/23/01	GW07858RG	1,2,3-TRICHLOROBENZENE	REAL	TR1	1	UG/L	U	UJ1	0.16	1		D&D Bldg 779
02500	10/23/01	GW07859RG	1,2,3-TRICHLOROBENZENE	DUP	TR1	1	UG/L	U	UJ1	0.16	1		D&D Bldg 779
02500	10/23/01	GW07858RG	1,2,3-TRICHLOROPROPANE	REAL	TR1	1	UG/L	U	V1	0.29	1		D&D Bldg 779

**Appendix A: Groundwater Analytical Data - Dissolved Gasses and Volatile Organic Compounds** **Fourth Quarter 2001**

Location	Sample Date	Sample #	Analyte	QC Type	Result Type	Result	Units	Lab Qual	Validation	Detect Limit	Dilution	Tier II	IMP Well Class
02500	10/23/01	GW07859RG	1,2,3-TRICHLOROPROPANE	DUP	TR1	1	UG/L	U	V1	0.29	1		D&D Bldg 779
02500	10/23/01	GW07858RG	1,2,4-TRICHLOROBENZENE	REAL	TR1	1	UG/L	U	UJ1	0.2	1	70	D&D Bldg 779
02500	10/23/01	GW07859RG	1,2,4-TRICHLOROBENZENE	DUP	TR1	1	UG/L	U	UJ1	0.2	1	70	D&D Bldg 779
02500	10/23/01	GW07858RG	1,2-DIBROMOETHANE	REAL	TR1	1	UG/L	U	V1	0.36	1		D&D Bldg 779
02500	10/23/01	GW07859RG	1,2-DIBROMOETHANE	DUP	TR1	1	UG/L	U	V1	0.36	1		D&D Bldg 779
02500	10/23/01	GW07858RG	1,2-DICHLOROBENZENE	REAL	TR1	1	UG/L	U	UJ1	0.24	1	600	D&D Bldg 779
02500	10/23/01	GW07859RG	1,2-DICHLOROBENZENE	DUP	TR1	1	UG/L	U	UJ1	0.24	1	600	D&D Bldg 779
02500	10/23/01	GW07858RG	1,2-DICHLOROETHANE	REAL	TR1	1	UG/L	U	V1	0.28	1	5	D&D Bldg 779
02500	10/23/01	GW07859RG	1,2-DICHLOROETHANE	DUP	TR1	1	UG/L	U	V1	0.28	1	5	D&D Bldg 779
02500	10/23/01	GW07858RG	1,2-DICHLOROPROPANE	REAL	TR1	1	UG/L	U	V1	0.21	1	5	D&D Bldg 779
02500	10/23/01	GW07859RG	1,2-DICHLOROPROPANE	DUP	TR1	1	UG/L	U	V1	0.21	1	5	D&D Bldg 779
02500	10/23/01	GW07858RG	1,3-DICHLOROBENZENE	REAL	TR1	1	UG/L	U	UJ1	0.26	1	600	D&D Bldg 779
02500	10/23/01	GW07859RG	1,3-DICHLOROBENZENE	DUP	TR1	1	UG/L	U	UJ1	0.26	1	600	D&D Bldg 779
02500	10/23/01	GW07858RG	1,3-DICHLOROPROPANE	REAL	TR1	1	UG/L	U	V1	0.26	1		D&D Bldg 779
02500	10/23/01	GW07859RG	1,3-DICHLOROPROPANE	DUP	TR1	1	UG/L	U	V1	0.26	1		D&D Bldg 779
02500	10/23/01	GW07858RG	1,4-DICHLOROBENZENE	REAL	TR1	1	UG/L	U	UJ1	0.24	1	75	D&D Bldg 779
02500	10/23/01	GW07859RG	1,4-DICHLOROBENZENE	DUP	TR1	1	UG/L	U	UJ1	0.24	1	75	D&D Bldg 779
02500	10/23/01	GW07858RG	2,2-DICHLOROPROPANE	REAL	TR1	1	UG/L	U	V1	0.21	1		D&D Bldg 779
02500	10/23/01	GW07859RG	2,2-DICHLOROPROPANE	DUP	TR1	1	UG/L	U	V1	0.21	1		D&D Bldg 779
02500	10/23/01	GW07858RG	2-BUTANONE	REAL	TR1	5	UG/L	U	UJ1	0.93	1	21900	D&D Bldg 779
02500	10/23/01	GW07859RG	2-BUTANONE	DUP	TR1	5	UG/L	U	UJ1	0.93	1	21900	D&D Bldg 779
02500	10/23/01	GW07858RG	2-HEXANONE	REAL	TR1	5	UG/L	U	UJ1	0.7	1		D&D Bldg 779
02500	10/23/01	GW07859RG	2-HEXANONE	DUP	TR1	5	UG/L	U	UJ1	0.7	1		D&D Bldg 779
02500	10/23/01	GW07858RG	4-ISOPROPYLTOLUENE	REAL	TR1	1	UG/L	U	UJ1	0.3	1		D&D Bldg 779
02500	10/23/01	GW07859RG	4-ISOPROPYLTOLUENE	DUP	TR1	1	UG/L	U	UJ1	0.3	1		D&D Bldg 779
02500	10/23/01	GW07858RG	4-METHYL-2-PENTANONE	REAL	TR1	5	UG/L	U	V1	0.79	1	2920	D&D Bldg 779
02500	10/23/01	GW07859RG	4-METHYL-2-PENTANONE	DUP	TR1	5	UG/L	U	V1	0.79	1	2920	D&D Bldg 779
02500	10/23/01	GW07858RG	ACETONE	REAL	TR1	7.4	UG/L	J	J1	1.9	1	3650	D&D Bldg 779
02500	10/23/01	GW07859RG	ACETONE	DUP	TR1	9.6	UG/L	J	J1	1.9	1	3650	D&D Bldg 779
02500	10/23/01	GW07858RG	BENZENE	REAL	TR1	1	UG/L	U	UJ1	0.21	1	5	D&D Bldg 779
02500	10/23/01	GW07859RG	BENZENE	DUP	TR1	1	UG/L	U	UJ1	0.21	1	5	D&D Bldg 779
02500	10/23/01	GW07858RG	BENZENE, 1,2,4-TRIMETHYL	REAL	TR1	1	UG/L	U	UJ1	0.22	1		D&D Bldg 779
02500	10/23/01	GW07859RG	BENZENE, 1,2,4-TRIMETHYL	DUP	TR1	1	UG/L	U	UJ1	0.22	1		D&D Bldg 779
02500	10/23/01	GW07858RG	BENZENE, 1,3,5-TRIMETHYL-	REAL	TR1	1	UG/L	U	UJ1	0.29	1		D&D Bldg 779
02500	10/23/01	GW07859RG	BENZENE, 1,3,5-TRIMETHYL-	DUP	TR1	1	UG/L	U	UJ1	0.29	1		D&D Bldg 779
02500	10/23/01	GW07858RG	BROMOBENZENE	REAL	TR1	1	UG/L	U	UJ1	0.24	1		D&D Bldg 779
02500	10/23/01	GW07859RG	BROMOBENZENE	DUP	TR1	1	UG/L	U	UJ1	0.24	1		D&D Bldg 779
02500	10/23/01	GW07858RG	BROMOCHLOROMETHANE	REAL	TR1	1	UG/L	U	V1	0.21	1		D&D Bldg 779
02500	10/23/01	GW07859RG	BROMOCHLOROMETHANE	DUP	TR1	1	UG/L	U	V1	0.21	1		D&D Bldg 779
02500	10/23/01	GW07858RG	BROMODICHLOROMETHANE	REAL	TR1	1	UG/L	U	V1	0.22	1	100	D&D Bldg 779
02500	10/23/01	GW07859RG	BROMODICHLOROMETHANE	DUP	TR1	1	UG/L	U	V1	0.22	1	100	D&D Bldg 779
02500	10/23/01	GW07858RG	BROMOFORM	REAL	TR1	1	UG/L	U	V1	0.32	1	100	D&D Bldg 779
02500	10/23/01	GW07859RG	BROMOFORM	DUP	TR1	1	UG/L	U	V1	0.32	1	100	D&D Bldg 779
02500	10/23/01	GW07858RG	BROMOMETHANE	REAL	TR1	1	UG/L	U	UJ1	0.3	1	51.1	D&D Bldg 779
02500	10/23/01	GW07859RG	BROMOMETHANE	DUP	TR1	1	UG/L	U	UJ1	0.3	1	51.1	D&D Bldg 779
02500	10/23/01	GW07858RG	CARBON DISULFIDE	REAL	TR1	1	UG/L	U	V1	0.19	1	3650	D&D Bldg 779
02500	10/23/01	GW07859RG	CARBON DISULFIDE	DUP	TR1	1	UG/L	U	V1	0.19	1	3650	D&D Bldg 779
02500	10/23/01	GW07858RG	CARBON TETRACHLORIDE	REAL	TR1	1	UG/L	U	V1	0.19	1	5	D&D Bldg 779
02500	10/23/01	GW07859RG	CARBON TETRACHLORIDE	DUP	TR1	1	UG/L	U	V1	0.19	1	5	D&D Bldg 779
02500	10/23/01	GW07858RG	CHLOROBENZENE	REAL	TR1	1	UG/L	U	UJ1	0.3	1	100	D&D Bldg 779
02500	10/23/01	GW07859RG	CHLOROBENZENE	DUP	TR1	1	UG/L	U	UJ1	0.3	1	100	D&D Bldg 779
02500	10/23/01	GW07858RG	CHLOROETHANE	REAL	TR1	1	UG/L	U	V1	0.25	1	29.4	D&D Bldg 779
02500	10/23/01	GW07859RG	CHLOROETHANE	DUP	TR1	1	UG/L	U	V1	0.25	1	29.4	D&D Bldg 779
02500	10/23/01	GW07858RG	CHLOROFORM	REAL	TR1	1	UG/L	U	V1	0.23	1	100	D&D Bldg 779
02500	10/23/01	GW07859RG	CHLOROFORM	DUP	TR1	1	UG/L	U	V1	0.23	1	100	D&D Bldg 779
02500	10/23/01	GW07858RG	CHLOROMETHANE	REAL	TR1	1	UG/L	U	V1	0.3	1	6.55	D&D Bldg 779

Appendix A: Groundwater Analytical Data - Dissolved Gasses and Volatile Organic Compounds Fourth Quarter 2001

Location	Sample Date	Sample #	Analyte	QC Type	Result Type	Result	Units	Lab Qual	Valid-ation	Detect Limit	Dilution	Tier II	IMP Well Class
02500	10/23/01	GW07859RG	CHLOROMETHANE	DUP	TR1	1	UG/L	U	V1	0.3	1	6.55	D&D Bldg 779
02500	10/23/01	GW07858RG	CHLOROTRIFLUOROETHENE (TIC)	REAL	TR1	1.22	UG/L	J	V1		1		D&D Bldg 779
02500	10/23/01	GW07859RG	CHLOROTRIFLUOROETHENE (TIC)	DUP	TR1	1.32	UG/L	J	V1		1		D&D Bldg 779
02500	10/23/01	GW07858RG	cis-1,2-DICHLOROETHENE	REAL	TR1	0.85	UG/L	J	V1	0.26	1	70	D&D Bldg 779
02500	10/23/01	GW07859RG	cis-1,2-DICHLOROETHENE	DUP	TR1	0.86	UG/L	J	V1	0.26	1	70	D&D Bldg 779
02500	10/23/01	GW07858RG	cis-1,3-DICHLOROPROPENE	REAL	TR1	1	UG/L	U	V1	0.28	1	0.473	D&D Bldg 779
02500	10/23/01	GW07859RG	cis-1,3-DICHLOROPROPENE	DUP	TR1	1	UG/L	U	V1	0.28	1	0.473	D&D Bldg 779
02500	10/23/01	GW07858RG	DIBROMOCHLOROMETHANE	REAL	TR1	1	UG/L	U	V1	0.38	1	1.01	D&D Bldg 779
02500	10/23/01	GW07859RG	DIBROMOCHLOROMETHANE	DUP	TR1	1	UG/L	U	V1	0.38	1	1.01	D&D Bldg 779
02500	10/23/01	GW07858RG	DIBROMOMETHANE	REAL	TR1	1	UG/L	U	V1	0.44	1		D&D Bldg 779
02500	10/23/01	GW07859RG	DIBROMOMETHANE	DUP	TR1	1	UG/L	U	V1	0.44	1		D&D Bldg 779
02500	10/23/01	GW07858RG	DICHLORODIFLUOROMETHANE	REAL	TR1	1	UG/L	U	V1	0.23	1		D&D Bldg 779
02500	10/23/01	GW07859RG	DICHLORODIFLUOROMETHANE	DUP	TR1	1	UG/L	U	V1	0.23	1		D&D Bldg 779
02500	10/23/01	GW07858RG	ETHYLBENZENE	REAL	TR1	1	UG/L	U	UJ1	0.28	1	700	D&D Bldg 779
02500	10/23/01	GW07859RG	ETHYLBENZENE	DUP	TR1	1	UG/L	U	UJ1	0.28	1	700	D&D Bldg 779
02500	10/23/01	GW07858RG	HEXACHLOROBUTADIENE	REAL	TR1	1	UG/L	U	V1	0.29	1	1.09	D&D Bldg 779
02500	10/23/01	GW07859RG	HEXACHLOROBUTADIENE	DUP	TR1	1	UG/L	U	V1	0.29	1	1.09	D&D Bldg 779
02500	10/23/01	GW07858RG	ISOPROPYLBENZENE	REAL	TR1	1	UG/L	U	UJ1	0.31	1		D&D Bldg 779
02500	10/23/01	GW07859RG	ISOPROPYLBENZENE	DUP	TR1	1	UG/L	U	UJ1	0.31	1		D&D Bldg 779
02500	10/23/01	GW07858RG	METHYLENE CHLORIDE	REAL	TR1	1	UG/L	U	V1	0.89	1	5	D&D Bldg 779
02500	10/23/01	GW07859RG	METHYLENE CHLORIDE	DUP	TR1	1	UG/L	U	V1	0.89	1	5	D&D Bldg 779
02500	10/23/01	GW07858RG	NAPHTHALENE	REAL	TR1	1	UG/L	U	UJ1	0.15	1	1460	D&D Bldg 779
02500	10/23/01	GW07859RG	NAPHTHALENE	DUP	TR1	1	UG/L	U	UJ1	0.15	1	1460	D&D Bldg 779
02500	10/23/01	GW07858RG	n-BUTYLBENZENE	REAL	TR1	1	UG/L	U	UJ1	0.26	1		D&D Bldg 779
02500	10/23/01	GW07859RG	n-BUTYLBENZENE	DUP	TR1	1	UG/L	U	UJ1	0.26	1		D&D Bldg 779
02500	10/23/01	GW07858RG	n-PROPYLBENZENE	REAL	TR1	1	UG/L	U	UJ1	0.23	1		D&D Bldg 779
02500	10/23/01	GW07859RG	n-PROPYLBENZENE	DUP	TR1	1	UG/L	U	UJ1	0.23	1		D&D Bldg 779
02500	10/23/01	GW07858RG	o-CHLOROTOLUENE	REAL	TR1	1	UG/L	U	UJ1	0.31	1		D&D Bldg 779
02500	10/23/01	GW07859RG	o-CHLOROTOLUENE	DUP	TR1	1	UG/L	U	UJ1	0.31	1		D&D Bldg 779
02500	10/23/01	GW07858RG	p-CHLOROTOLUENE	REAL	TR1	1	UG/L	U	UJ1	0.25	1		D&D Bldg 779
02500	10/23/01	GW07859RG	p-CHLOROTOLUENE	DUP	TR1	1	UG/L	U	UJ1	0.25	1		D&D Bldg 779
02500	10/23/01	GW07858RG	PROPANE, 1,2-DIBROMO-3-CHLORO-	REAL	TR1	1	UG/L	U	V1	0.25	1	0.2	D&D Bldg 779
02500	10/23/01	GW07859RG	PROPANE, 1,2-DIBROMO-3-CHLORO-	DUP	TR1	1	UG/L	U	V1	0.25	1	0.2	D&D Bldg 779
02500	10/23/01	GW07858RG	sec-BUTYLBENZENE	REAL	TR1	1	UG/L	U	UJ1	0.26	1		D&D Bldg 779
02500	10/23/01	GW07859RG	sec-BUTYLBENZENE	DUP	TR1	1	UG/L	U	UJ1	0.26	1		D&D Bldg 779
02500	10/23/01	GW07858RG	STYRENE	REAL	TR1	1	UG/L	U	UJ1	0.27	1	100	D&D Bldg 779
02500	10/23/01	GW07859RG	STYRENE	DUP	TR1	1	UG/L	U	UJ1	0.27	1	100	D&D Bldg 779
02500	10/23/01	GW07858RG	tert-BUTYLBENZENE	REAL	TR1	1	UG/L	U	UJ1	0.29	1		D&D Bldg 779
02500	10/23/01	GW07859RG	tert-BUTYLBENZENE	DUP	TR1	1	UG/L	U	UJ1	0.29	1		D&D Bldg 779
02500	10/23/01	GW07858RG	TETRACHLOROETHENE	REAL	TR1	0.47	UG/L	J	V1	0.36	1	5	D&D Bldg 779
02500	10/23/01	GW07859RG	TETRACHLOROETHENE	DUP	TR1	0.45	UG/L	J	V1	0.36	1	5	D&D Bldg 779
02500	10/23/01	GW07858RG	TOLUENE	REAL	TR1	1	UG/L	U	UJ1	0.29	1	1000	D&D Bldg 779
02500	10/23/01	GW07859RG	TOLUENE	DUP	TR1	1	UG/L	U	UJ1	0.29	1	1000	D&D Bldg 779
02500	10/23/01	GW07858RG	TOTAL XYLENES	REAL	TR1	1	UG/L	U	UJ1	0.95	1	10000	D&D Bldg 779
02500	10/23/01	GW07859RG	TOTAL XYLENES	DUP	TR1	1	UG/L	U	UJ1	0.95	1	10000	D&D Bldg 779
02500	10/23/01	GW07858RG	trans-1,2-DICHLOROETHENE	REAL	TR1	0.5	UG/L	U	V1	0.27	1	70	D&D Bldg 779
02500	10/23/01	GW07859RG	trans-1,2-DICHLOROETHENE	DUP	TR1	0.5	UG/L	U	V1	0.27	1	70	D&D Bldg 779
02500	10/23/01	GW07858RG	trans-1,3-DICHLOROPROPENE	REAL	TR1	1	UG/L	U	V1	0.42	1	0.473	D&D Bldg 779
02500	10/23/01	GW07859RG	trans-1,3-DICHLOROPROPENE	DUP	TR1	1	UG/L	U	V1	0.42	1	0.473	D&D Bldg 779
02500	10/23/01	GW07858RG	TRICHLOROETHENE	REAL	TR1	19	UG/L		V1	0.22	1	5	D&D Bldg 779
02500	10/23/01	GW07859RG	TRICHLOROETHENE	DUP	TR1	19	UG/L		V1	0.22	1	5	D&D Bldg 779
02500	10/23/01	GW07858RG	TRICHLOROFLUOROMETHANE	REAL	TR1	0.66	UG/L	J	V1	0.28	1		D&D Bldg 779
02500	10/23/01	GW07859RG	TRICHLOROFLUOROMETHANE	DUP	TR1	0.64	UG/L	J	V1	0.28	1		D&D Bldg 779
02500	10/23/01	GW07858RG	VINYL CHLORIDE	REAL	TR1	1	UG/L	U	V1	0.21	1	2	D&D Bldg 779
02500	10/23/01	GW07859RG	VINYL CHLORIDE	DUP	TR1	1	UG/L	U	V1	0.21	1	2	D&D Bldg 779
02500	10/23/01	GW07860RG	1,1,1,2-TETRACHLOROETHANE	RNS	TR1	1	UG/L	U	V1	0.22	1		D&D Bldg 779



**Appendix A: Groundwater Analytical Data - Dissolved Gases and Volatile Organic Compounds** **Fourth Quarter 2001**

Location	Sample Date	Sample #	Analyte	QC Type	Result Type	Result	Units	Lab Qual	Validation	Detect Limit	Dilution	Tier II	IMP Well Class
02500	10/23/01	GW07860RG	1,1,1-TRICHLOROETHANE	RNS	TR1	1	UG/L	U	V1	0.26	1	200	D&D Bldg 779
02500	10/23/01	GW07860RG	1,1,2,2-TETRACHLOROETHANE	RNS	TR1	1	UG/L	U	V1	0.31	1	0.426	D&D Bldg 779
02500	10/23/01	GW07860RG	1,1,2-TRICHLOROETHANE	RNS	TR1	1	UG/L	U	V1	0.39	1	5	D&D Bldg 779
02500	10/23/01	GW07860RG	1,1,2-TRICHLOROTRIFLUOROETHANE	RNS	TR1	1	UG/L	U	V1	0.21	1		D&D Bldg 779
02500	10/23/01	GW07860RG	1,1-DICHLOROETHANE	RNS	TR1	1	UG/L	U	V1	0.17	1	3650	D&D Bldg 779
02500	10/23/01	GW07860RG	1,1-DICHLOROETHENE	RNS	TR1	1	UG/L	U	V1	0.2	1	7	D&D Bldg 779
02500	10/23/01	GW07860RG	1,1-DICHLOROPROPENE	RNS	TR1	1	UG/L	U	V1	0.22	1		D&D Bldg 779
02500	10/23/01	GW07860RG	1,2,3-TRICHLOROBENZENE	RNS	TR1	1	UG/L	U	UJ1	0.16	1		D&D Bldg 779
02500	10/23/01	GW07860RG	1,2,3-TRICHLOROPROPANE	RNS	TR1	1	UG/L	U	V1	0.29	1		D&D Bldg 779
02500	10/23/01	GW07860RG	1,2,4-TRICHLOROBENZENE	RNS	TR1	1	UG/L	U	UJ1	0.2	1	70	D&D Bldg 779
02500	10/23/01	GW07860RG	1,2-DIBROMOETHANE	RNS	TR1	1	UG/L	U	V1	0.36	1		D&D Bldg 779
02500	10/23/01	GW07860RG	1,2-DICHLOROBENZENE	RNS	TR1	1	UG/L	U	UJ1	0.24	1	600	D&D Bldg 779
02500	10/23/01	GW07860RG	1,2-DICHLOROETHANE	RNS	TR1	1	UG/L	U	V1	0.28	1	5	D&D Bldg 779
02500	10/23/01	GW07860RG	1,2-DICHLOROPROPANE	RNS	TR1	1	UG/L	U	V1	0.21	1	5	D&D Bldg 779
02500	10/23/01	GW07860RG	1,3-DICHLOROBENZENE	RNS	TR1	1	UG/L	U	UJ1	0.26	1	600	D&D Bldg 779
02500	10/23/01	GW07860RG	1,3-DICHLOROPROPANE	RNS	TR1	1	UG/L	U	V1	0.26	1		D&D Bldg 779
02500	10/23/01	GW07860RG	1,4-DICHLOROBENZENE	RNS	TR1	1	UG/L	U	UJ1	0.24	1	75	D&D Bldg 779
02500	10/23/01	GW07860RG	2,2-DICHLOROPROPANE	RNS	TR1	1	UG/L	U	V1	0.21	1		D&D Bldg 779
02500	10/23/01	GW07860RG	2-BUTANONE	RNS	TR1	5	UG/L	U	UJ1	0.93	1	21900	D&D Bldg 779
02500	10/23/01	GW07860RG	2-HEXANONE	RNS	TR1	5	UG/L	U	UJ1	0.7	1		D&D Bldg 779
02500	10/23/01	GW07860RG	4-ISOPROPYLTOLUENE	RNS	TR1	1	UG/L	U	UJ1	0.3	1		D&D Bldg 779
02500	10/23/01	GW07860RG	4-METHYL-2-PENTANONE	RNS	TR1	5	UG/L	U	V1	0.79	1	2920	D&D Bldg 779
02500	10/23/01	GW07860RG	ACETONE	RNS	TR1	10	UG/L	U	UJ1	1.9	1	3650	D&D Bldg 779
02500	10/23/01	GW07860RG	BENZENE	RNS	TR1	1	UG/L	U	UJ1	0.21	1	5	D&D Bldg 779
02500	10/23/01	GW07860RG	BENZENE, 1,2,4-TRIMETHYL	RNS	TR1	1	UG/L	U	UJ1	0.22	1		D&D Bldg 779
02500	10/23/01	GW07860RG	BENZENE, 1,3,5-TRIMETHYL-	RNS	TR1	1	UG/L	U	UJ1	0.29	1		D&D Bldg 779
02500	10/23/01	GW07860RG	BROMOBENZENE	RNS	TR1	1	UG/L	U	UJ1	0.24	1		D&D Bldg 779
02500	10/23/01	GW07860RG	BROMOCHLOROMETHANE	RNS	TR1	1	UG/L	U	V1	0.21	1		D&D Bldg 779
02500	10/23/01	GW07860RG	BROMODICHLOROMETHANE	RNS	TR1	1	UG/L	U	V1	0.22	1	100	D&D Bldg 779
02500	10/23/01	GW07860RG	BROMOFORM	RNS	TR1	1	UG/L	U	V1	0.32	1	100	D&D Bldg 779
02500	10/23/01	GW07860RG	BROMOMETHANE	RNS	TR1	1	UG/L	U	UJ1	0.3	1	51.1	D&D Bldg 779
02500	10/23/01	GW07860RG	CARBON DISULFIDE	RNS	TR1	1	UG/L	U	V1	0.19	1	3650	D&D Bldg 779
02500	10/23/01	GW07860RG	CARBON TETRACHLORIDE	RNS	TR1	1	UG/L	U	V1	0.19	1	5	D&D Bldg 779
02500	10/23/01	GW07860RG	CHLOROBENZENE	RNS	TR1	1	UG/L	U	UJ1	0.3	1	100	D&D Bldg 779
02500	10/23/01	GW07860RG	CHLOROETHANE	RNS	TR1	1	UG/L	U	V1	0.25	1	29.4	D&D Bldg 779
02500	10/23/01	GW07860RG	CHLOROFORM	RNS	TR1	1	UG/L	U	V1	0.23	1	100	D&D Bldg 779
02500	10/23/01	GW07860RG	CHLOROMETHANE	RNS	TR1	1	UG/L	U	V1	0.3	1	6.55	D&D Bldg 779
02500	10/23/01	GW07860RG	cis-1,2-DICHLOROETHENE	RNS	TR1	1	UG/L	U	V1	0.26	1	70	D&D Bldg 779
02500	10/23/01	GW07860RG	cis-1,3-DICHLOROPROPENE	RNS	TR1	1	UG/L	U	V1	0.28	1	0.473	D&D Bldg 779
02500	10/23/01	GW07860RG	DIBROMOCHLOROMETHANE	RNS	TR1	1	UG/L	U	V1	0.38	1	1.01	D&D Bldg 779
02500	10/23/01	GW07860RG	DIBROMOMETHANE	RNS	TR1	1	UG/L	U	V1	0.44	1		D&D Bldg 779
02500	10/23/01	GW07860RG	DICHLORODIFLUOROMETHANE	RNS	TR1	1	UG/L	U	V1	0.23	1		D&D Bldg 779
02500	10/23/01	GW07860RG	ETHYLBENZENE	RNS	TR1	1	UG/L	U	UJ1	0.28	1	700	D&D Bldg 779
02500	10/23/01	GW07860RG	HEXACHLOROBUTADIENE	RNS	TR1	1	UG/L	U	V1	0.29	1	1.09	D&D Bldg 779
02500	10/23/01	GW07860RG	ISOPROPYLBENZENE	RNS	TR1	1	UG/L	U	UJ1	0.31	1		D&D Bldg 779
02500	10/23/01	GW07860RG	METHYLENE CHLORIDE	RNS	TR1	1	UG/L	U	V1	0.89	1	5	D&D Bldg 779
02500	10/23/01	GW07860RG	NAPHTHALENE	RNS	TR1	1	UG/L	U	UJ1	0.15	1	1460	D&D Bldg 779
02500	10/23/01	GW07860RG	n-BUTYLBENZENE	RNS	TR1	1	UG/L	U	UJ1	0.26	1		D&D Bldg 779
02500	10/23/01	GW07860RG	n-PROPYLBENZENE	RNS	TR1	1	UG/L	U	UJ1	0.23	1		D&D Bldg 779
02500	10/23/01	GW07860RG	o-CHLOROTOLUENE	RNS	TR1	1	UG/L	U	UJ1	0.31	1		D&D Bldg 779
02500	10/23/01	GW07860RG	p-CHLOROTOLUENE	RNS	TR1	1	UG/L	U	UJ1	0.25	1		D&D Bldg 779
02500	10/23/01	GW07860RG	PROPANE, 1,2-DIBROMO-3-CHLORO-	RNS	TR1	1	UG/L	U	V1	0.25	1	0.2	D&D Bldg 779
02500	10/23/01	GW07860RG	sec-BUTYLBENZENE	RNS	TR1	1	UG/L	U	UJ1	0.26	1		D&D Bldg 779
02500	10/23/01	GW07860RG	STYRENE	RNS	TR1	1	UG/L	U	UJ1	0.27	1	100	D&D Bldg 779
02500	10/23/01	GW07860RG	tert-BUTYLBENZENE	RNS	TR1	1	UG/L	U	UJ1	0.29	1		D&D Bldg 779
02500	10/23/01	GW07860RG	TETRACHLOROETHENE	RNS	TR1	1	UG/L	U	V1	0.36	1	5	D&D Bldg 779

Appendix A: Groundwater Analytical Data - Dissolved Gasses and Volatile Organic Compounds Fourth Quarter 2001

Location	Sample Date	Sample #	Analyte	QC Type	Result Type	Result	Units	Lab Qual	Valid-ation	Detect Limit	Dilu-tion	Tier II	IMP Well Class
02500	10/23/01	GW07860RG	TOLUENE	RNS	TR1	1	UG/L	U	UJ1	0.29	1	1000	D&D Bldg 779
02500	10/23/01	GW07860RG	TOTAL XYLENES	RNS	TR1	1	UG/L	U	UJ1	0.95	1	10000	D&D Bldg 779
02500	10/23/01	GW07860RG	trans-1,2-DICHLOROETHENE	RNS	TR1	0.5	UG/L	U	V1	0.27	1	70	D&D Bldg 779
02500	10/23/01	GW07860RG	trans-1,3-DICHLOROPROPENE	RNS	TR1	1	UG/L	U	V1	0.42	1	0.473	D&D Bldg 779
02500	10/23/01	GW07860RG	TRICHLOROETHENE	RNS	TR1	1	UG/L	U	V1	0.22	1	5	D&D Bldg 779
02500	10/23/01	GW07860RG	TRICHLOROFLUOROMETHANE	RNS	TR1	1	UG/L	U	V1	0.28	1		D&D Bldg 779
02500	10/23/01	GW07860RG	VINYL CHLORIDE	RNS	TR1	1	UG/L	U	V1	0.21	1	2	D&D Bldg 779
11891	10/5/01	GW07784RG	1,1,1,2-TETRACHLOROETHANE	REAL	RX1	2	UG/L	U	V1	0.44	2		Perf Monitoring
11891	10/5/01	GW07784RG	1,1,1-TRICHLOROETHANE	REAL	RX1	1.3	UG/L	J	V1	0.52	2	200	Perf Monitoring
11891	10/5/01	GW07784RG	1,1,2,2-TETRACHLOROETHANE	REAL	RX1	2	UG/L	U	V1	0.62	2	0.426	Perf Monitoring
11891	10/5/01	GW07784RG	1,1,2-TRICHLOROETHANE	REAL	RX1	2	UG/L	U	V1	0.78	2	5	Perf Monitoring
11891	10/5/01	GW07784RG	1,1,2-TRICHLOROTRIFLUOROETHANE	REAL	RX1	2	UG/L	U	V1	0.42	2		Perf Monitoring
11891	10/5/01	GW07784RG	1,1-DICHLOROETHANE	REAL	RX1	2	UG/L	U	V1	0.34	2	3650	Perf Monitoring
11891	10/5/01	GW07784RG	1,1-DICHLOROETHENE	REAL	RX1	2	UG/L		V1	0.4	2	7	Perf Monitoring
11891	10/5/01	GW07784RG	1,1-DICHLOROPROPENE	REAL	RX1	2	UG/L	U	V1	0.44	2		Perf Monitoring
11891	10/5/01	GW07784RG	1,2,3-TRICHLOROBENZENE	REAL	RX1	2	UG/L	U	UJ1	0.32	2		Perf Monitoring
11891	10/5/01	GW07784RG	1,2,3-TRICHLOROPROPANE	REAL	RX1	2	UG/L	U	V1	0.58	2		Perf Monitoring
11891	10/5/01	GW07784RG	1,2,4-TRICHLOROBENZENE	REAL	RX1	2	UG/L	U	UJ1	0.4	2	70	Perf Monitoring
11891	10/5/01	GW07784RG	1,2-DIBROMOETHANE	REAL	RX1	2	UG/L	U	V1	0.72	2		Perf Monitoring
11891	10/5/01	GW07784RG	1,2-DICHLOROBENZENE	REAL	RX1	2	UG/L	U	UJ1	0.48	2	600	Perf Monitoring
11891	10/5/01	GW07784RG	1,2-DICHLOROETHANE	REAL	RX1	2	UG/L	U	V1	0.56	2	5	Perf Monitoring
11891	10/5/01	GW07784RG	1,2-DICHLOROPROPANE	REAL	RX1	2	UG/L	U	V1	0.42	2	5	Perf Monitoring
11891	10/5/01	GW07784RG	1,3-DICHLOROBENZENE	REAL	RX1	2	UG/L	U	UJ1	0.52	2	600	Perf Monitoring
11891	10/5/01	GW07784RG	1,3-DICHLOROPROPANE	REAL	RX1	2	UG/L	U	V1	0.52	2		Perf Monitoring
11891	10/5/01	GW07784RG	1,4-DICHLOROBENZENE	REAL	RX1	2	UG/L	U	UJ1	0.48	2	75	Perf Monitoring
11891	10/5/01	GW07784RG	2,2-DICHLOROPROPANE	REAL	RX1	2	UG/L	U	V1	0.42	2		Perf Monitoring
11891	10/5/01	GW07784RG	2-BUTANONE	REAL	RX1	10	UG/L	U	V1	1.9	2	21900	Perf Monitoring
11891	10/5/01	GW07784RG	2-HEXANONE	REAL	RX1	10	UG/L	U	V1	1.4	2		Perf Monitoring
11891	10/5/01	GW07784RG	3-METHYLHEPTYL ACETATE (TIC)	REAL	RX1	4.9	UG/L	J	V1		2		Perf Monitoring
11891	10/5/01	GW07784RG	4-ISOPROPYLTOLUENE	REAL	RX1	2	UG/L	U	UJ1	0.6	2		Perf Monitoring
11891	10/5/01	GW07784RG	4-METHYL-2-PENTANONE	REAL	RX1	10	UG/L	U	V1	1.6	2	2920	Perf Monitoring
11891	10/5/01	GW07784RG	ACETONE	REAL	RX1	20	UG/L	U	V1	3.8	2	3650	Perf Monitoring
11891	10/5/01	GW07784RG	BENZENE	REAL	RX1	2	UG/L	U	UJ1	0.42	2	5	Perf Monitoring
11891	10/5/01	GW07784RG	BENZENE, 1,2,4-TRIMETHYL	REAL	RX1	2	UG/L	U	UJ1	0.44	2		Perf Monitoring
11891	10/5/01	GW07784RG	BENZENE, 1,3,5-TRIMETHYL-	REAL	RX1	2	UG/L	U	UJ1	0.58	2		Perf Monitoring
11891	10/5/01	GW07784RG	BROMOBENZENE	REAL	RX1	2	UG/L	U	UJ1	0.48	2		Perf Monitoring
11891	10/5/01	GW07784RG	BROMOCHLOROMETHANE	REAL	RX1	2	UG/L	U	V1	0.42	2		Perf Monitoring
11891	10/5/01	GW07784RG	BROMODICHLOROMETHANE	REAL	RX1	2	UG/L	U	V1	0.44	2	100	Perf Monitoring
11891	10/5/01	GW07784RG	BROMOFORM	REAL	RX1	2	UG/L	U	V1	0.64	2	100	Perf Monitoring
11891	10/5/01	GW07784RG	BROMOMETHANE	REAL	RX1	2	UG/L	U	UJ1	0.6	2	51.1	Perf Monitoring
11891	10/5/01	GW07784RG	CARBON DISULFIDE	REAL	RX1	2	UG/L	U	V1	0.38	2	3650	Perf Monitoring
11891	10/5/01	GW07784RG	CARBON TETRACHLORIDE	REAL	DL1	490	UG/L		V1	3.8	20	5	Perf Monitoring
11891	10/5/01	GW07784RG	CHLOROBENZENE	REAL	RX1	2	UG/L	U	UJ1	0.6	2	100	Perf Monitoring
11891	10/5/01	GW07784RG	CHLOROETHANE	REAL	RX1	2	UG/L	U	V1	0.5	2	29.4	Perf Monitoring
11891	10/5/01	GW07784RG	CHLOROFORM	REAL	RX1	11	UG/L		V1	0.46	2	100	Perf Monitoring
11891	10/5/01	GW07784RG	CHLOROMETHANE	REAL	RX1	2	UG/L	U	V1	0.6	2	6.55	Perf Monitoring
11891	10/5/01	GW07784RG	cis-1,2-DICHLOROETHENE	REAL	RX1	22	UG/L		V1	0.52	2	70	Perf Monitoring
11891	10/5/01	GW07784RG	cis-1,3-DICHLOROPROPENE	REAL	RX1	2	UG/L	U	V1	0.56	2	0.473	Perf Monitoring
11891	10/5/01	GW07784RG	DIBROMOCHLOROMETHANE	REAL	RX1	2	UG/L	U	V1	0.76	2	1.01	Perf Monitoring
11891	10/5/01	GW07784RG	DIBROMOMETHANE	REAL	RX1	2	UG/L	U	V1	0.88	2		Perf Monitoring
11891	10/5/01	GW07784RG	DICHLORODIFLUOROMETHANE	REAL	RX1	2	UG/L	U	V1	0.46	2		Perf Monitoring
11891	10/5/01	GW07784RG	ETHYLBENZENE	REAL	RX1	2	UG/L	U	UJ1	0.56	2	700	Perf Monitoring
11891	10/5/01	GW07784RG	HEXACHLOROBUTADIENE	REAL	RX1	2	UG/L	U	V1	0.58	2	1.09	Perf Monitoring
11891	10/5/01	GW07784RG	ISOPROPYLBENZENE	REAL	RX1	2	UG/L	U	UJ1	0.62	2		Perf Monitoring
11891	10/5/01	GW07784RG	METHYLENE CHLORIDE	REAL	RX1	2.4	UG/L		V1	1.8	2	5	Perf Monitoring
11891	10/5/01	GW07784RG	NAPHTHALENE	REAL	RX1	2	UG/L	U	UJ1	0.3	2	1460	Perf Monitoring

Appendix A: Groundwater Analytical Data - Dissolved Gasses and Volatile Organic Compounds Fourth Quarter 2001

Location	Sample Date	Sample #	Analyte	QC Type	Result Type	Result	Units	Lab Qual	Validation	Detect Limit	Dilution	Tier II	IMP Well Class
11891	10/5/01	GW07784RG	n-BUTYLBENZENE	REAL	RX1	2	UG/L	U	UJ1	0.52	2		Perf Monitoring
11891	10/5/01	GW07784RG	n-PROPYLBENZENE	REAL	RX1	2	UG/L	U	UJ1	0.46	2		Perf Monitoring
11891	10/5/01	GW07784RG	o-CHLOROTOLUENE	REAL	RX1	2	UG/L	U	UJ1	0.62	2		Perf Monitoring
11891	10/5/01	GW07784RG	p-CHLOROTOLUENE	REAL	RX1	2	UG/L	U	UJ1	0.5	2		Perf Monitoring
11891	10/5/01	GW07784RG	PROPANE, 1,2-DIBROMO-3-CHLORO-	REAL	RX1	2	UG/L	U	V1	0.5	2	0.2	Perf Monitoring
11891	10/5/01	GW07784RG	sec-BUTYLBENZENE	REAL	RX1	2	UG/L	U	UJ1	0.52	2		Perf Monitoring
11891	10/5/01	GW07784RG	STYRENE	REAL	RX1	2	UG/L	U	UJ1	0.54	2	100	Perf Monitoring
11891	10/5/01	GW07784RG	tert-BUTYLBENZENE	REAL	RX1	2	UG/L	U	UJ1	0.58	2		Perf Monitoring
11891	10/5/01	GW07784RG	TETRACHLOROETHENE	REAL	DL1	220	UG/L		V1	7.2	20	5	Perf Monitoring
11891	10/5/01	GW07784RG	TOLUENE	REAL	RX1	2	UG/L	U	UJ1	0.58	2	1000	Perf Monitoring
11891	10/5/01	GW07784RG	TOTAL XYLENES	REAL	RX1	2	UG/L	U	UJ1	1.9	2	10000	Perf Monitoring
11891	10/5/01	GW07784RG	trans-1,2-DICHLOROETHENE	REAL	RX1	1	UG/L	U	V1	0.54	2	70	Perf Monitoring
11891	10/5/01	GW07784RG	trans-1,3-DICHLOROPROPENE	REAL	RX1	2	UG/L	U	V1	0.84	2	0.473	Perf Monitoring
11891	10/5/01	GW07784RG	TRICHLOROETHENE	REAL	RX1	35	UG/L		V1	0.44	2	5	Perf Monitoring
11891	10/5/01	GW07784RG	TRICHLOROFLUOROMETHANE	REAL	RX1	2	UG/L	U	V1	0.56	2		Perf Monitoring
11891	10/5/01	GW07784RG	VINYL CHLORIDE	REAL	RX1	2	UG/L	U	V1	0.42	2	2	Perf Monitoring
11891	10/5/01	GW07785RG	1,1,1,2-TETRACHLOROETHANE	RNS	TR1	1	UG/L	U	V1	0.22	1		Perf Monitoring
11891	10/5/01	GW07785RG	1,1,1-TRICHLOROETHANE	RNS	TR1	1	UG/L	U	V1	0.26	1	200	Perf Monitoring
11891	10/5/01	GW07785RG	1,1,2,2-TETRACHLOROETHANE	RNS	TR1	1	UG/L	U	V1	0.31	1	0.426	Perf Monitoring
11891	10/5/01	GW07785RG	1,1,2-TRICHLOROETHANE	RNS	TR1	1	UG/L	U	V1	0.39	1	5	Perf Monitoring
11891	10/5/01	GW07785RG	1,1,2-TRICHLOROTRIFLUOROETHANE	RNS	TR1	1	UG/L	U	V1	0.21	1		Perf Monitoring
11891	10/5/01	GW07785RG	1,1-DICHLOROETHANE	RNS	TR1	1	UG/L	U	V1	0.17	1	3650	Perf Monitoring
11891	10/5/01	GW07785RG	1,1-DICHLOROETHENE	RNS	TR1	1	UG/L	U	V1	0.2	1	7	Perf Monitoring
11891	10/5/01	GW07785RG	1,1-DICHLOROPROPENE	RNS	TR1	1	UG/L	U	V1	0.22	1		Perf Monitoring
11891	10/5/01	GW07785RG	1,2,3-TRICHLOROBENZENE	RNS	TR1	1	UG/L	U	UJ1	0.16	1		Perf Monitoring
11891	10/5/01	GW07785RG	1,2,3-TRICHLOROPROPANE	RNS	TR1	1	UG/L	U	V1	0.29	1		Perf Monitoring
11891	10/5/01	GW07785RG	1,2,4-TRICHLOROBENZENE	RNS	TR1	1	UG/L	U	UJ1	0.2	1	70	Perf Monitoring
11891	10/5/01	GW07785RG	1,2-DIBROMOETHANE	RNS	TR1	1	UG/L	U	V1	0.36	1		Perf Monitoring
11891	10/5/01	GW07785RG	1,2-DICHLOROBENZENE	RNS	TR1	1	UG/L	U	UJ1	0.24	1	600	Perf Monitoring
11891	10/5/01	GW07785RG	1,2-DICHLOROETHANE	RNS	TR1	1	UG/L	U	V1	0.28	1	5	Perf Monitoring
11891	10/5/01	GW07785RG	1,2-DICHLOROPROPANE	RNS	TR1	1	UG/L	U	V1	0.21	1	5	Perf Monitoring
11891	10/5/01	GW07785RG	1,3-DICHLOROBENZENE	RNS	TR1	1	UG/L	U	UJ1	0.26	1	600	Perf Monitoring
11891	10/5/01	GW07785RG	1,3-DICHLOROPROPANE	RNS	TR1	1	UG/L	U	V1	0.26	1		Perf Monitoring
11891	10/5/01	GW07785RG	1,4-DICHLOROBENZENE	RNS	TR1	1	UG/L	U	UJ1	0.24	1	75	Perf Monitoring
11891	10/5/01	GW07785RG	2,2-DICHLOROPROPANE	RNS	TR1	1	UG/L	U	V1	0.21	1		Perf Monitoring
11891	10/5/01	GW07785RG	2-BUTANONE	RNS	TR1	5	UG/L	U	V1	0.93	1	21900	Perf Monitoring
11891	10/5/01	GW07785RG	2-HEXANONE	RNS	TR1	5	UG/L	U	V1	0.7	1		Perf Monitoring
11891	10/5/01	GW07785RG	4-ISOPROPYLTOLUENE	RNS	TR1	1	UG/L	U	UJ1	0.3	1		Perf Monitoring
11891	10/5/01	GW07785RG	4-METHYL-2-PENTANONE	RNS	TR1	5	UG/L	U	V1	0.79	1	2920	Perf Monitoring
11891	10/5/01	GW07785RG	ACETONE	RNS	TR1	10	UG/L	U	V1	1.9	1	3650	Perf Monitoring
11891	10/5/01	GW07785RG	BENZENE	RNS	TR1	1	UG/L	U	UJ1	0.21	1	5	Perf Monitoring
11891	10/5/01	GW07785RG	BENZENE, 1,2,4-TRIMETHYL	RNS	TR1	1	UG/L	U	UJ1	0.22	1		Perf Monitoring
11891	10/5/01	GW07785RG	BENZENE, 1,3,5-TRIMETHYL-	RNS	TR1	1	UG/L	U	UJ1	0.29	1		Perf Monitoring
11891	10/5/01	GW07785RG	BROMOBENZENE	RNS	TR1	1	UG/L	U	UJ1	0.24	1		Perf Monitoring
11891	10/5/01	GW07785RG	BROMOCHLOROMETHANE	RNS	TR1	1	UG/L	U	V1	0.21	1		Perf Monitoring
11891	10/5/01	GW07785RG	BROMODICHLOROMETHANE	RNS	TR1	1	UG/L	U	V1	0.22	1	100	Perf Monitoring
11891	10/5/01	GW07785RG	BROMOFORM	RNS	TR1	1	UG/L	U	V1	0.32	1	100	Perf Monitoring
11891	10/5/01	GW07785RG	BROMOMETHANE	RNS	TR1	1	UG/L	U	UJ1	0.3	1	51.1	Perf Monitoring
11891	10/5/01	GW07785RG	CARBON DISULFIDE	RNS	TR1	1	UG/L	U	V1	0.19	1	3650	Perf Monitoring
11891	10/5/01	GW07785RG	CARBON TETRACHLORIDE	RNS	TR1	1	UG/L	U	V1	0.19	1	5	Perf Monitoring
11891	10/5/01	GW07785RG	CHLOROBENZENE	RNS	TR1	1	UG/L	U	UJ1	0.3	1	100	Perf Monitoring
11891	10/5/01	GW07785RG	CHLOROETHANE	RNS	TR1	1	UG/L	U	V1	0.25	1	29.4	Perf Monitoring
11891	10/5/01	GW07785RG	CHLOROFORM	RNS	TR1	1	UG/L	U	V1	0.23	1	100	Perf Monitoring
11891	10/5/01	GW07785RG	CHLOROMETHANE	RNS	TR1	0.87	UG/L	J	V1	0.3	1	6.55	Perf Monitoring
11891	10/5/01	GW07785RG	cis-1,2-DICHLOROETHENE	RNS	TR1	1	UG/L	U	V1	0.26	1	70	Perf Monitoring
11891	10/5/01	GW07785RG	cis-1,3-DICHLOROPROPENE	RNS	TR1	1	UG/L	U	V1	0.28	1	0.473	Perf Monitoring

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Location	Sample Date	Sample #	Analyte	QC Type	Result Type	Result	Units	Lab Qual	Valid-ation	Detect Limit	Dilu-tion	Tier II	IMP Well Class
11891	10/5/01	GW07785RG	DIBROMOCHLOROMETHANE	RNS	TR1	1	UG/L	U	V1	0.38	1	1.01	Perf Monitoring
11891	10/5/01	GW07785RG	DIBROMOMETHANE	RNS	TR1	1	UG/L	U	V1	0.44	1		Perf Monitoring
11891	10/5/01	GW07785RG	DICHLORODIFLUOROMETHANE	RNS	TR1	1	UG/L	U	V1	0.23	1		Perf Monitoring
11891	10/5/01	GW07785RG	ETHYLBENZENE	RNS	TR1	1	UG/L	U	UJ1	0.28	1	700	Perf Monitoring
11891	10/5/01	GW07785RG	HEXACHLOROBUTADIENE	RNS	TR1	1	UG/L	U	V1	0.29	1	1.09	Perf Monitoring
11891	10/5/01	GW07785RG	ISOPROPYLBENZENE	RNS	TR1	1	UG/L	U	UJ1	0.31	1		Perf Monitoring
11891	10/5/01	GW07785RG	METHYLENE CHLORIDE	RNS	TR1	1	UG/L	U	V1	0.89	1	5	Perf Monitoring
11891	10/5/01	GW07785RG	NAPHTHALENE	RNS	TR1	1	UG/L	U	UJ1	0.15	1	1460	Perf Monitoring
11891	10/5/01	GW07785RG	n-BUTYLBENZENE	RNS	TR1	1	UG/L	U	UJ1	0.26	1		Perf Monitoring
11891	10/5/01	GW07785RG	n-PROPYLBENZENE	RNS	TR1	1	UG/L	U	UJ1	0.23	1		Perf Monitoring
11891	10/5/01	GW07785RG	o-CHLOROTOLUENE	RNS	TR1	1	UG/L	U	UJ1	0.31	1		Perf Monitoring
11891	10/5/01	GW07785RG	p-CHLOROTOLUENE	RNS	TR1	1	UG/L	U	UJ1	0.25	1		Perf Monitoring
11891	10/5/01	GW07785RG	PROPANE, 1,2-DIBROMO-3-CHLORO-	RNS	TR1	1	UG/L	U	V1	0.25	1	0.2	Perf Monitoring
11891	10/5/01	GW07785RG	sec-BUTYLBENZENE	RNS	TR1	1	UG/L	U	UJ1	0.26	1		Perf Monitoring
11891	10/5/01	GW07785RG	STYRENE	RNS	TR1	1	UG/L	U	UJ1	0.27	1	100	Perf Monitoring
11891	10/5/01	GW07785RG	tert-BUTYLBENZENE	RNS	TR1	1	UG/L	U	UJ1	0.29	1		Perf Monitoring
11891	10/5/01	GW07785RG	TETRACHLOROETHENE	RNS	TR1	1	UG/L	U	V1	0.36	1	5	Perf Monitoring
11891	10/5/01	GW07785RG	TOLUENE	RNS	TR1	1	UG/L	U	UJ1	0.29	1	1000	Perf Monitoring
11891	10/5/01	GW07785RG	TOTAL XYLENES	RNS	TR1	1	UG/L	U	UJ1	0.95	1	10000	Perf Monitoring
11891	10/5/01	GW07785RG	trans-1,2-DICHLOROETHENE	RNS	TR1	0.5	UG/L	U	V1	0.27	1	70	Perf Monitoring
11891	10/5/01	GW07785RG	trans-1,3-DICHLOROPROPENE	RNS	TR1	1	UG/L	U	V1	0.42	1	0.473	Perf Monitoring
11891	10/5/01	GW07785RG	TRICHLOROETHENE	RNS	TR1	1	UG/L	U	V1	0.22	1	5	Perf Monitoring
11891	10/5/01	GW07785RG	TRICHLOROFLUOROMETHANE	RNS	TR1	1	UG/L	U	V1	0.28	1		Perf Monitoring
11891	10/5/01	GW07785RG	VINYL CHLORIDE	RNS	TR1	1	UG/L	U	V1	0.21	1	2	Perf Monitoring
12191	10/18/01	GW07786RG	1,1,1,2-TETRACHLOROETHANE	REAL	TR1	1	UG/L	U	V1	0.22	1		Perf Monitoring
12191	10/18/01	GW07786RG	1,1,1-TRICHLOROETHANE	REAL	TR1	1	UG/L	U	V1	0.26	1	200	Perf Monitoring
12191	10/18/01	GW07786RG	1,1,2,2-TETRACHLOROETHANE	REAL	TR1	1	UG/L	U	V1	0.31	1	0.426	Perf Monitoring
12191	10/18/01	GW07786RG	1,1,2-TRICHLOROETHANE	REAL	TR1	1	UG/L	U	V1	0.39	1	5	Perf Monitoring
12191	10/18/01	GW07786RG	1,1,2-TRICHLOROTRIFLUOROETHANE	REAL	TR1	1	UG/L	U	V1	0.21	1		Perf Monitoring
12191	10/18/01	GW07786RG	1,1-DICHLOROETHANE	REAL	TR1	1	UG/L	U	V1	0.17	1	3650	Perf Monitoring
12191	10/18/01	GW07786RG	1,1-DICHLOROETHENE	REAL	TR1	1.3	UG/L		V1	0.2	1	7	Perf Monitoring
12191	10/18/01	GW07786RG	1,1-DICHLOROPROPENE	REAL	TR1	1	UG/L	U	V1	0.22	1		Perf Monitoring
12191	10/18/01	GW07786RG	1,2,3-TRICHLOROBENZENE	REAL	TR1	1	UG/L	U	UJ1	0.16	1		Perf Monitoring
12191	10/18/01	GW07786RG	1,2,3-TRICHLOROPROPANE	REAL	TR1	1	UG/L	U	V1	0.29	1		Perf Monitoring
12191	10/18/01	GW07786RG	1,2,4-TRICHLOROBENZENE	REAL	TR1	1	UG/L	U	UJ1	0.2	1	70	Perf Monitoring
12191	10/18/01	GW07786RG	1,2-DIBROMOETHANE	REAL	TR1	1	UG/L	U	V1	0.36	1		Perf Monitoring
12191	10/18/01	GW07786RG	1,2-DICHLOROBENZENE	REAL	TR1	1	UG/L	U	UJ1	0.24	1	600	Perf Monitoring
12191	10/18/01	GW07786RG	1,2-DICHLOROETHANE	REAL	TR1	1	UG/L	U	V1	0.28	1	5	Perf Monitoring
12191	10/18/01	GW07786RG	1,2-DICHLOROPROPANE	REAL	TR1	1	UG/L	U	V1	0.21	1	5	Perf Monitoring
12191	10/18/01	GW07786RG	1,3-DICHLOROBENZENE	REAL	TR1	1	UG/L	U	UJ1	0.26	1	600	Perf Monitoring
12191	10/18/01	GW07786RG	1,3-DICHLOROPROPANE	REAL	TR1	1	UG/L	U	V1	0.26	1		Perf Monitoring
12191	10/18/01	GW07786RG	1,4-DICHLOROBENZENE	REAL	TR1	1	UG/L	U	UJ1	0.24	1	75	Perf Monitoring
12191	10/18/01	GW07786RG	2,2-DICHLOROPROPANE	REAL	TR1	1	UG/L	U	V1	0.21	1		Perf Monitoring
12191	10/18/01	GW07786RG	2-BUTANONE	REAL	TR1	5	UG/L	U	V1	0.93	1	21900	Perf Monitoring
12191	10/18/01	GW07786RG	2-HEXANONE	REAL	TR1	5	UG/L	U	V1	0.7	1		Perf Monitoring
12191	10/18/01	GW07786RG	4-ISOPROPYLTOLUENE	REAL	TR1	1	UG/L	U	UJ1	0.3	1		Perf Monitoring
12191	10/18/01	GW07786RG	4-METHYL-2-PENTANONE	REAL	TR1	5	UG/L	U	V1	0.79	1	2920	Perf Monitoring
12191	10/18/01	GW07786RG	ACETONE	REAL	TR1	10	UG/L	U	V1	1.9	1	3650	Perf Monitoring
12191	10/18/01	GW07786RG	BENZENE	REAL	TR1	1	UG/L	U	UJ1	0.21	1	5	Perf Monitoring
12191	10/18/01	GW07786RG	BENZENE, 1,2,4-TRIMETHYL	REAL	TR1	1	UG/L	U	UJ1	0.22	1		Perf Monitoring
12191	10/18/01	GW07786RG	BENZENE, 1,3,5-TRIMETHYL-	REAL	TR1	1	UG/L	U	UJ1	0.29	1		Perf Monitoring
12191	10/18/01	GW07786RG	BROMOBENZENE	REAL	TR1	1	UG/L	U	UJ1	0.24	1		Perf Monitoring
12191	10/18/01	GW07786RG	BROMOCHLOROMETHANE	REAL	TR1	1	UG/L	U	V1	0.21	1		Perf Monitoring
12191	10/18/01	GW07786RG	BROMODICHLOROMETHANE	REAL	TR1	1	UG/L	U	V1	0.22	1	100	Perf Monitoring
12191	10/18/01	GW07786RG	BROMOFORM	REAL	TR1	1	UG/L	U	V1	0.32	1	100	Perf Monitoring
12191	10/18/01	GW07786RG	BROMOMETHANE	REAL	TR1	1	UG/L	U	V1	0.3	1	51.1	Perf Monitoring

**Appendix A: Groundwater Analytical Data - Dissolved Gasses and Volatile Organic Compounds Fourth Quarter 2001**

Location	Sample Date	Sample #	Analyte	QC Type	Result Type	Result	Units	Lab Qual	Valid-ation	Detect Limit	Dilution	Tier II	IMP Well Class
12191	10/18/01	GW07786RG	CARBON DISULFIDE	REAL	TR1	1	UG/L	U	V1	0.19	1	3650	Perf Monitoring
12191	10/18/01	GW07786RG	CARBON TETRACHLORIDE	REAL	DL1	110	UG/L		V1	1.9	10	5	Perf Monitoring
12191	10/18/01	GW07786RG	CHLOROBENZENE	REAL	TR1	1	UG/L	U	UJ1	0.3	1	100	Perf Monitoring
12191	10/18/01	GW07786RG	CHLOROETHANE	REAL	TR1	1	UG/L	U	V1	0.25	1	29.4	Perf Monitoring
12191	10/18/01	GW07786RG	CHLOROFORM	REAL	TR1	4	UG/L		V1	0.23	1	100	Perf Monitoring
12191	10/18/01	GW07786RG	CHLOROMETHANE	REAL	TR1	1	UG/L	U	V1	0.3	1	6.55	Perf Monitoring
12191	10/18/01	GW07786RG	cis-1,2-DICHLOROETHENE	REAL	TR1	15	UG/L		V1	0.26	1	70	Perf Monitoring
12191	10/18/01	GW07786RG	cis-1,3-DICHLOROPROPENE	REAL	TR1	1	UG/L	U	V1	0.28	1	0.473	Perf Monitoring
12191	10/18/01	GW07786RG	DIBROMOCHLOROMETHANE	REAL	TR1	1	UG/L	U	V1	0.38	1	1.01	Perf Monitoring
12191	10/18/01	GW07786RG	DIBROMOMETHANE	REAL	TR1	1	UG/L	U	V1	0.44	1		Perf Monitoring
12191	10/18/01	GW07786RG	DICHLORODIFLUOROMETHANE	REAL	TR1	1	UG/L	U	V1	0.23	1		Perf Monitoring
12191	10/18/01	GW07786RG	ETHYLBENZENE	REAL	TR1	1	UG/L	U	UJ1	0.28	1	700	Perf Monitoring
12191	10/18/01	GW07786RG	HEXACHLOROBUTADIENE	REAL	TR1	1	UG/L	U	V1	0.29	1	1.09	Perf Monitoring
12191	10/18/01	GW07786RG	ISOPROPYLBENZENE	REAL	TR1	1	UG/L	U	UJ1	0.31	1		Perf Monitoring
12191	10/18/01	GW07786RG	METHYLENE CHLORIDE	REAL	TR1	1	UG/L	U	V1	0.89	1	5	Perf Monitoring
12191	10/18/01	GW07786RG	NAPHTHALENE	REAL	TR1	1	UG/L	U	UJ1	0.15	1	1460	Perf Monitoring
12191	10/18/01	GW07786RG	n-BUTYLBENZENE	REAL	TR1	1	UG/L	U	UJ1	0.26	1		Perf Monitoring
12191	10/18/01	GW07786RG	n-PROPYLBENZENE	REAL	TR1	1	UG/L	U	UJ1	0.23	1		Perf Monitoring
12191	10/18/01	GW07786RG	o-CHLOROTOLUENE	REAL	TR1	1	UG/L	U	UJ1	0.31	1		Perf Monitoring
12191	10/18/01	GW07786RG	p-CHLOROTOLUENE	REAL	TR1	1	UG/L	U	UJ1	0.25	1		Perf Monitoring
12191	10/18/01	GW07786RG	PROPANE, 1,2-DIBROMO-3-CHLORO-	REAL	TR1	1	UG/L	U	V1	0.25	1	0.2	Perf Monitoring
12191	10/18/01	GW07786RG	sec-BUTYLBENZENE	REAL	TR1	1	UG/L	U	UJ1	0.26	1		Perf Monitoring
12191	10/18/01	GW07786RG	STYRENE	REAL	TR1	1	UG/L	U	UJ1	0.27	1	100	Perf Monitoring
12191	10/18/01	GW07786RG	tert-BUTYLBENZENE	REAL	TR1	1	UG/L	U	UJ1	0.29	1		Perf Monitoring
12191	10/18/01	GW07786RG	TETRACHLOROETHENE	REAL	DL1	470	UG/L		V1	3.6	10	5	Perf Monitoring
12191	10/18/01	GW07786RG	TOLUENE	REAL	TR1	1	UG/L	U	UJ1	0.29	1	1000	Perf Monitoring
12191	10/18/01	GW07786RG	TOTAL XYLENES	REAL	TR1	1	UG/L	U	UJ1	0.95	1	10000	Perf Monitoring
12191	10/18/01	GW07786RG	trans-1,2-DICHLOROETHENE	REAL	TR1	0.5	UG/L	U	V1	0.27	1	70	Perf Monitoring
12191	10/18/01	GW07786RG	trans-1,3-DICHLOROPROPENE	REAL	TR1	1	UG/L	U	V1	0.42	1	0.473	Perf Monitoring
12191	10/18/01	GW07786RG	TRICHLOROETHENE	REAL	TR1	40	UG/L		V1	0.22	1	5	Perf Monitoring
12191	10/18/01	GW07786RG	TRICHLOROFLUOROMETHANE	REAL	TR1	1	UG/L	U	V1	0.28	1		Perf Monitoring
12191	10/18/01	GW07786RG	VINYL CHLORIDE	REAL	TR1	1	UG/L	U	V1	0.21	1	2	Perf Monitoring
1386	10/16/01	GW07812RG	1,1,1,2-TETRACHLOROETHANE	REAL	TR1	1	UG/L	U	V1	0.22	1		Plume Extent
1386	10/16/01	GW07812RG	1,1,1-TRICHLOROETHANE	REAL	TR1	1	UG/L	U	V1	0.26	1	200	Plume Extent
1386	10/16/01	GW07812RG	1,1,2,2-TETRACHLOROETHANE	REAL	TR1	1	UG/L	U	V1	0.31	1	0.426	Plume Extent
1386	10/16/01	GW07812RG	1,1,2-TRICHLOROETHANE	REAL	TR1	1	UG/L	U	V1	0.39	1	5	Plume Extent
1386	10/16/01	GW07812RG	1,1,2-TRICHLOROTRIFLUOROETHANE	REAL	TR1	1	UG/L	U	V1	0.21	1		Plume Extent
1386	10/16/01	GW07812RG	1,1-DICHLOROETHANE	REAL	TR1	1	UG/L	U	V1	0.17	1	3650	Plume Extent
1386	10/16/01	GW07812RG	1,1-DICHLOROETHENE	REAL	TR1	1	UG/L	U	V1	0.2	1	7	Plume Extent
1386	10/16/01	GW07812RG	1,1-DICHLOROPROPENE	REAL	TR1	1	UG/L	U	V1	0.22	1		Plume Extent
1386	10/16/01	GW07812RG	1,2,3-TRICHLOROBENZENE	REAL	TR1	1	UG/L	U	UJ1	0.16	1		Plume Extent
1386	10/16/01	GW07812RG	1,2,3-TRICHLOROPROPANE	REAL	TR1	1	UG/L	U	V1	0.29	1		Plume Extent
1386	10/16/01	GW07812RG	1,2,4-TRICHLOROBENZENE	REAL	TR1	1	UG/L	U	UJ1	0.2	1	70	Plume Extent
1386	10/16/01	GW07812RG	1,2-DIBROMOETHANE	REAL	TR1	1	UG/L	U	V1	0.36	1		Plume Extent
1386	10/16/01	GW07812RG	1,2-DICHLOROETHENE	REAL	TR1	1	UG/L	U	UJ1	0.24	1	600	Plume Extent
1386	10/16/01	GW07812RG	1,2-DICHLOROETHANE	REAL	TR1	1	UG/L	U	V1	0.28	1	5	Plume Extent
1386	10/16/01	GW07812RG	1,2-DICHLOROPROPANE	REAL	TR1	1	UG/L	U	V1	0.21	1	5	Plume Extent
1386	10/16/01	GW07812RG	1,3-DICHLOROBENZENE	REAL	TR1	1	UG/L	U	UJ1	0.26	1	600	Plume Extent
1386	10/16/01	GW07812RG	1,3-DICHLOROPROPANE	REAL	TR1	1	UG/L	U	V1	0.26	1		Plume Extent
1386	10/16/01	GW07812RG	1,4-DICHLOROBENZENE	REAL	TR1	1	UG/L	U	UJ1	0.24	1	75	Plume Extent
1386	10/16/01	GW07812RG	2,2-DICHLOROPROPANE	REAL	TR1	1	UG/L	U	V1	0.21	1		Plume Extent
1386	10/16/01	GW07812RG	2-BUTANONE	REAL	TR1	5	UG/L	U	V1	0.93	1	21900	Plume Extent
1386	10/16/01	GW07812RG	2-HEXANONE	REAL	TR1	5	UG/L	U	V1	0.7	1		Plume Extent
1386	10/16/01	GW07812RG	4-ISOPROPYLTOLUENE	REAL	TR1	1	UG/L	U	UJ1	0.3	1		Plume Extent
1386	10/16/01	GW07812RG	4-METHYL-2-PENTANONE	REAL	TR1	5	UG/L	U	V1	0.79	1	2920	Plume Extent
1386	10/16/01	GW07812RG	ACETONE	REAL	TR1	10	UG/L	U	V1	1.9	1	3650	Plume Extent

(TIC) = Tentatively Identified Compound

Appendix A: Groundwater Analytical Data - Dissolved Gasses and Volatile Organic Compounds Fourth Quarter 2001

Location	Sample Date	Sample #	Analyte	QC Type	Result Type	Result	Units	Lab Qual	Valid-ation	Detect Limit	Dilu-tion	Tier II	IMP Well Class
1386	10/16/01	GW07812RG	BENZENE	REAL	TR1	1	UG/L	U	UJ1	0.21	1	5	Plume Extent
1386	10/16/01	GW07812RG	BENZENE, 1,2,4-TRIMETHYL	REAL	TR1	1	UG/L	U	UJ1	0.22	1		Plume Extent
1386	10/16/01	GW07812RG	BENZENE, 1,3,5-TRIMETHYL-	REAL	TR1	1	UG/L	U	UJ1	0.29	1		Plume Extent
1386	10/16/01	GW07812RG	BROMOBENZENE	REAL	TR1	1	UG/L	U	UJ1	0.24	1		Plume Extent
1386	10/16/01	GW07812RG	BROMOCHLOROMETHANE	REAL	TR1	1	UG/L	U	V1	0.21	1		Plume Extent
1386	10/16/01	GW07812RG	BROMODICHLOROMETHANE	REAL	TR1	1	UG/L	U	V1	0.22	1	100	Plume Extent
1386	10/16/01	GW07812RG	BROMOFORM	REAL	TR1	1	UG/L	U	V1	0.32	1	100	Plume Extent
1386	10/16/01	GW07812RG	BROMOMETHANE	REAL	TR1	1	UG/L	U	V1	0.3	1	51.1	Plume Extent
1386	10/16/01	GW07812RG	CARBON DISULFIDE	REAL	TR1	1	UG/L	U	V1	0.19	1	3650	Plume Extent
1386	10/16/01	GW07812RG	CARBON TETRACHLORIDE	REAL	TR1	1	UG/L	U	V1	0.19	1	5	Plume Extent
1386	10/16/01	GW07812RG	CHLOROBENZENE	REAL	TR1	1	UG/L	U	UJ1	0.3	1	100	Plume Extent
1386	10/16/01	GW07812RG	CHLOROETHANE	REAL	TR1	1	UG/L	U	V1	0.25	1	29.4	Plume Extent
1386	10/16/01	GW07812RG	CHLOROFORM	REAL	TR1	1	UG/L	U	V1	0.23	1	100	Plume Extent
1386	10/16/01	GW07812RG	CHLOROMETHANE	REAL	TR1	1	UG/L	U	V1	0.3	1	6.55	Plume Extent
1386	10/16/01	GW07812RG	cis-1,2-DICHLOROETHENE	REAL	TR1	1	UG/L	U	V1	0.26	1	70	Plume Extent
1386	10/16/01	GW07812RG	cis-1,3-DICHLOROPROPENE	REAL	TR1	1	UG/L	U	V1	0.28	1	0.473	Plume Extent
1386	10/16/01	GW07812RG	DIBROMOCHLOROMETHANE	REAL	TR1	1	UG/L	U	V1	0.38	1	1.01	Plume Extent
1386	10/16/01	GW07812RG	DIBROMOMETHANE	REAL	TR1	1	UG/L	U	V1	0.44	1		Plume Extent
1386	10/16/01	GW07812RG	DICHLORODIFLUOROMETHANE	REAL	TR1	1	UG/L	U	V1	0.23	1		Plume Extent
1386	10/16/01	GW07812RG	ETHYLBENZENE	REAL	TR1	1	UG/L	U	UJ1	0.28	1	700	Plume Extent
1386	10/16/01	GW07812RG	HEXACHLOROBUTADIENE	REAL	TR1	1	UG/L	U	V1	0.29	1	1.09	Plume Extent
1386	10/16/01	GW07812RG	ISOPROPYLBENZENE	REAL	TR1	1	UG/L	U	UJ1	0.31	1		Plume Extent
1386	10/16/01	GW07812RG	METHYLENE CHLORIDE	REAL	TR1	1	UG/L	U	V1	0.89	1	5	Plume Extent
1386	10/16/01	GW07812RG	NAPHTHALENE	REAL	TR1	1	UG/L	U	UJ1	0.15	1	1460	Plume Extent
1386	10/16/01	GW07812RG	n-BUTYLBENZENE	REAL	TR1	1	UG/L	U	UJ1	0.26	1		Plume Extent
1386	10/16/01	GW07812RG	n-PROPYLBENZENE	REAL	TR1	1	UG/L	U	UJ1	0.23	1		Plume Extent
1386	10/16/01	GW07812RG	o-CHLOROTOLUENE	REAL	TR1	1	UG/L	U	UJ1	0.31	1		Plume Extent
1386	10/16/01	GW07812RG	p-CHLOROTOLUENE	REAL	TR1	1	UG/L	U	UJ1	0.25	1		Plume Extent
1386	10/16/01	GW07812RG	PROPANE, 1,2-DIBROMO-3-CHLORO-	REAL	TR1	1	UG/L	U	V1	0.25	1	0.2	Plume Extent
1386	10/16/01	GW07812RG	sec-BUTYLBENZENE	REAL	TR1	1	UG/L	U	UJ1	0.26	1		Plume Extent
1386	10/16/01	GW07812RG	STYRENE	REAL	TR1	1	UG/L	U	UJ1	0.27	1	100	Plume Extent
1386	10/16/01	GW07812RG	tert-BUTYLBENZENE	REAL	TR1	1	UG/L	U	UJ1	0.29	1		Plume Extent
1386	10/16/01	GW07812RG	TETRACHLOROETHENE	REAL	TR1	1	UG/L	U	V1	0.36	1	5	Plume Extent
1386	10/16/01	GW07812RG	TOLUENE	REAL	TR1	1	UG/L	U	UJ1	0.29	1	1000	Plume Extent
1386	10/16/01	GW07812RG	TOTAL XYLENES	REAL	TR1	1	UG/L	U	UJ1	0.95	1	10000	Plume Extent
1386	10/16/01	GW07812RG	trans-1,2-DICHLOROETHENE	REAL	TR1	0.5	UG/L	U	V1	0.27	1	70	Plume Extent
1386	10/16/01	GW07812RG	trans-1,3-DICHLOROPROPENE	REAL	TR1	1	UG/L	U	V1	0.42	1	0.473	Plume Extent
1386	10/16/01	GW07812RG	TRICHLOROETHENE	REAL	TR1	1	UG/L	U	V1	0.22	1	5	Plume Extent
1386	10/16/01	GW07812RG	TRICHLOROFLUOROMETHANE	REAL	TR1	1	UG/L	U	V1	0.28	1		Plume Extent
1386	10/16/01	GW07812RG	VINYL CHLORIDE	REAL	TR1	1	UG/L	U	V1	0.21	1	2	Plume Extent
15699	10/22/01	GW07801RG	1,1,1,2-TETRACHLOROETHANE	REAL	DL1	4	UG/L	U	V1	0.88	4		Perf Monitoring
15699	10/22/01	GW07801RG	1,1,1-TRICHLOROETHANE	REAL	DL1	10	UG/L		V1	1	4	200	Perf Monitoring
15699	10/22/01	GW07801RG	1,1,2,2-TETRACHLOROETHANE	REAL	DL1	4	UG/L	U	V1	1.2	4	0.426	Perf Monitoring
15699	10/22/01	GW07801RG	1,1,2-TRICHLOROETHANE	REAL	DL1	4	UG/L	U	V1	1.6	4	5	Perf Monitoring
15699	10/22/01	GW07801RG	1,1,2-TRICHLOROTRIFLUOROETHANE	REAL	DL1	4	UG/L	U	V1	0.84	4		Perf Monitoring
15699	10/22/01	GW07801RG	1,1-DICHLOROETHANE	REAL	DL1	15	UG/L		V1	0.68	4	3650	Perf Monitoring
15699	10/22/01	GW07801RG	1,1-DICHLOROETHENE	REAL	DL1	86	UG/L		V1	0.8	4	7	Perf Monitoring
15699	10/22/01	GW07801RG	1,1-DICHLOROPROPENE	REAL	DL1	4	UG/L	U	V1	0.88	4		Perf Monitoring
15699	10/22/01	GW07801RG	1,2,3-TRICHLOROBENZENE	REAL	DL1	4	UG/L	U	V1	0.64	4		Perf Monitoring
15699	10/22/01	GW07801RG	1,2,3-TRICHLOROPROPANE	REAL	DL1	4	UG/L	U	V1	1.2	4		Perf Monitoring
15699	10/22/01	GW07801RG	1,2,4-TRICHLOROBENZENE	REAL	DL1	4	UG/L	U	V1	0.8	4	70	Perf Monitoring
15699	10/22/01	GW07801RG	1,2-DIBROMOETHANE	REAL	DL1	4	UG/L	U	V1	1.4	4		Perf Monitoring
15699	10/22/01	GW07801RG	1,2-DICHLOROBENZENE	REAL	DL1	4	UG/L	U	V1	0.96	4	600	Perf Monitoring
15699	10/22/01	GW07801RG	1,2-DICHLOROETHANE	REAL	DL1	4.6	UG/L		V1	1.1	4	5	Perf Monitoring
15699	10/22/01	GW07801RG	1,2-DICHLOROPROPANE	REAL	DL1	4	UG/L	U	V1	0.84	4	5	Perf Monitoring
15699	10/22/01	GW07801RG	1,3-DICHLOROBENZENE	REAL	DL1	4	UG/L	U	V1	1	4	600	Perf Monitoring

Appendix A: Groundwater Analytical Data - Dissolved Gasses and Volatile Organic Compounds Fourth Quarter 2001

Location	Sample Date	Sample #	Analyte	QC Type	Result Type	Result	Units	Lab Qual	Valid-ation	Detect Limit	Dilution	Tier II	IMP Well Class
15699	10/22/01	GW07801RG	1,3-DICHLOROPROPANE	REAL	DL1	4	UG/L	U	V1	1	4		Perf Monitoring
15699	10/22/01	GW07801RG	1,4-DICHLOROBENZENE	REAL	DL1	4	UG/L	U	V1	0.96	4	75	Perf Monitoring
15699	10/22/01	GW07801RG	2,2-DICHLOROPROPANE	REAL	DL1	4	UG/L	U	V1	0.84	4		Perf Monitoring
15699	10/22/01	GW07801RG	2-BUTANONE	REAL	DL1	20	UG/L	U	V1	3.7	4	21900	Perf Monitoring
15699	10/22/01	GW07801RG	2-HEXANONE	REAL	DL1	20	UG/L	U	V1	2.8	4		Perf Monitoring
15699	10/22/01	GW07801RG	4-ISOPROPYLTOLUENE	REAL	DL1	4	UG/L	U	V1	1.2	4		Perf Monitoring
15699	10/22/01	GW07801RG	4-METHYL-2-PENTANONE	REAL	DL1	20	UG/L	U	V1	3.2	4	2920	Perf Monitoring
15699	10/22/01	GW07801RG	ACETONE	REAL	DL1	40	UG/L	U	V1	7.5	4	3650	Perf Monitoring
15699	10/22/01	GW07801RG	BENZENE	REAL	DL1	4	UG/L	U	V1	0.84	4	5	Perf Monitoring
15699	10/22/01	GW07801RG	BENZENE, 1,2,4-TRIMETHYL	REAL	DL1	4	UG/L	U	V1	0.88	4		Perf Monitoring
15699	10/22/01	GW07801RG	BENZENE, 1,3,5-TRIMETHYL-	REAL	DL1	4	UG/L	U	V1	1.2	4		Perf Monitoring
15699	10/22/01	GW07801RG	BROMOBENZENE	REAL	DL1	4	UG/L	U	V1	0.96	4		Perf Monitoring
15699	10/22/01	GW07801RG	BROMOCHLOROMETHANE	REAL	DL1	4	UG/L	U	V1	0.84	4		Perf Monitoring
15699	10/22/01	GW07801RG	BROMODICHLOROMETHANE	REAL	DL1	4	UG/L	U	V1	0.88	4	100	Perf Monitoring
15699	10/22/01	GW07801RG	BROMOFORM	REAL	DL1	4	UG/L	U	V1	1.3	4	100	Perf Monitoring
15699	10/22/01	GW07801RG	BROMOMETHANE	REAL	DL1	4	UG/L	U	V1	1.2	4	51.1	Perf Monitoring
15699	10/22/01	GW07801RG	CARBON DISULFIDE	REAL	DL1	4	UG/L	U	V1	0.76	4	3650	Perf Monitoring
15699	10/22/01	GW07801RG	CARBON TETRACHLORIDE	REAL	DL1	4	UG/L	U	V1	0.76	4	5	Perf Monitoring
15699	10/22/01	GW07801RG	CHLOROBENZENE	REAL	DL1	4	UG/L	U	V1	1.2	4	100	Perf Monitoring
15699	10/22/01	GW07801RG	CHLOROETHANE	REAL	DL1	4	UG/L	U	V1	1	4	29.4	Perf Monitoring
15699	10/22/01	GW07801RG	CHLOROFORM	REAL	DL1	5.5	UG/L		V1	0.92	4	100	Perf Monitoring
15699	10/22/01	GW07801RG	CHLOROMETHANE	REAL	DL1	4	UG/L	U	V1	1.2	4	6.55	Perf Monitoring
15699	10/22/01	GW07801RG	cis-1,2-DICHLOROETHENE	REAL	DL1	200	UG/L		V1	1	4	70	Perf Monitoring
15699	10/22/01	GW07801RG	cis-1,3-DICHLOROPROPENE	REAL	DL1	4	UG/L	U	V1	1.1	4	0.473	Perf Monitoring
15699	10/22/01	GW07801RG	DIBROMOCHLOROMETHANE	REAL	DL1	4	UG/L	U	V1	1.5	4	1.01	Perf Monitoring
15699	10/22/01	GW07801RG	DIBROMOMETHANE	REAL	DL1	4	UG/L	U	V1	1.8	4		Perf Monitoring
15699	10/22/01	GW07801RG	DICHLORODIFLUOROMETHANE	REAL	DL1	4	UG/L	U	V1	0.92	4		Perf Monitoring
15699	10/22/01	GW07801RG	ETHYLBENZENE	REAL	DL1	4	UG/L	U	V1	1.1	4	700	Perf Monitoring
15699	10/22/01	GW07801RG	HEXACHLOROBUTADIENE	REAL	DL1	4	UG/L	U	V1	1.2	4	1.09	Perf Monitoring
15699	10/22/01	GW07801RG	ISOPROPYLBENZENE	REAL	DL1	4	UG/L	U	V1	1.2	4		Perf Monitoring
15699	10/22/01	GW07801RG	METHYLENE CHLORIDE	REAL	DL1	4	UG/L	U	V1	3.6	4	5	Perf Monitoring
15699	10/22/01	GW07801RG	NAPHTHALENE	REAL	DL1	4	UG/L	U	V1	0.6	4	1460	Perf Monitoring
15699	10/22/01	GW07801RG	n-BUTYLBENZENE	REAL	DL1	4	UG/L	U	V1	1	4		Perf Monitoring
15699	10/22/01	GW07801RG	n-PROPYLBENZENE	REAL	DL1	4	UG/L	U	V1	0.92	4		Perf Monitoring
15699	10/22/01	GW07801RG	o-CHLOROTOLUENE	REAL	DL1	4	UG/L	U	V1	1.2	4		Perf Monitoring
15699	10/22/01	GW07801RG	p-CHLOROTOLUENE	REAL	DL1	4	UG/L	U	V1	1	4		Perf Monitoring
15699	10/22/01	GW07801RG	PROPANE, 1,2-DIBROMO-3-CHLORO-	REAL	DL1	4	UG/L	U	V1	1	4	0.2	Perf Monitoring
15699	10/22/01	GW07801RG	sec-BUTYLBENZENE	REAL	DL1	4	UG/L	U	V1	1	4		Perf Monitoring
15699	10/22/01	GW07801RG	STYRENE	REAL	DL1	4	UG/L	U	V1	1.1	4	100	Perf Monitoring
15699	10/22/01	GW07801RG	tert-BUTYLBENZENE	REAL	DL1	4	UG/L	U	V1	1.2	4		Perf Monitoring
15699	10/22/01	GW07801RG	TETRACHLOROETHENE	REAL	DL1	920	UG/L		V1	14	40	5	Perf Monitoring
15699	10/22/01	GW07801RG	TOLUENE	REAL	DL1	4	UG/L	U	V1	1.2	4	1000	Perf Monitoring
15699	10/22/01	GW07801RG	TOTAL XYLENES	REAL	DL1	4	UG/L	U	V1	3.8	4	10000	Perf Monitoring
15699	10/22/01	GW07801RG	trans-1,2-DICHLOROETHENE	REAL	DL1	2	UG/L	U	V1	1.1	4	70	Perf Monitoring
15699	10/22/01	GW07801RG	trans-1,3-DICHLOROPROPENE	REAL	DL1	4	UG/L	U	V1	1.7	4	0.473	Perf Monitoring
15699	10/22/01	GW07801RG	TRICHLOROETHENE	REAL	DL1	1400	UG/L		V1	8.8	40	5	Perf Monitoring
15699	10/22/01	GW07801RG	TRICHLOROFLUOROMETHANE	REAL	DL1	4	UG/L	U	V1	1.1	4		Perf Monitoring
15699	10/22/01	GW07801RG	VINYL CHLORIDE	REAL	DL1	4	UG/L	U	V1	0.84	4	2	Perf Monitoring
1786	10/16/01	GW07813RG	1,1,1,2-TETRACHLOROETHANE	REAL	TR1	1	UG/L	U	V1	0.22	1		Plume Extent
1786	10/16/01	GW07813RG	1,1,1-TRICHLOROETHANE	REAL	TR1	1	UG/L	U	V1	0.26	1	200	Plume Extent
1786	10/16/01	GW07813RG	1,1,2,2-TETRACHLOROETHANE	REAL	TR1	1	UG/L	U	V1	0.31	1	0.426	Plume Extent
1786	10/16/01	GW07813RG	1,1,2-TRICHLOROETHANE	REAL	TR1	1	UG/L	U	V1	0.39	1	5	Plume Extent
1786	10/16/01	GW07813RG	1,1,2-TRICHLOROTRIFLUOROETHANE	REAL	TR1	1	UG/L	U	V1	0.21	1		Plume Extent
1786	10/16/01	GW07813RG	1,1-DICHLOROETHANE	REAL	TR1	1	UG/L	U	V1	0.17	1	3650	Plume Extent
1786	10/16/01	GW07813RG	1,1-DICHLOROETHENE	REAL	TR1	1	UG/L	U	V1	0.2	1	7	Plume Extent
1786	10/16/01	GW07813RG	1,1-DICHLOROPROPENE	REAL	TR1	1	UG/L	U	V1	0.22	1		Plume Extent

Appendix A: Groundwater Analytical Data - Dissolved Gasses and Volatile Organic Compounds Fourth Quarter 2001

Location	Sample Date	Sample #	Analyte	QC Type	Result Type	Result	Units	Lab Qual	Valid-ation	Detect Limit	Dilu-tion	Tier II	IMP Well Class
1786	10/16/01	GW07813RG	1,2,3-TRICHLOROBENZENE	REAL	TR1	1	UG/L	U	UJ1	0.16	1		Plume Extent
1786	10/16/01	GW07813RG	1,2,3-TRICHLOROPROPANE	REAL	TR1	1	UG/L	U	V1	0.29	1		Plume Extent
1786	10/16/01	GW07813RG	1,2,4-TRICHLOROBENZENE	REAL	TR1	1	UG/L	U	UJ1	0.2	1	70	Plume Extent
1786	10/16/01	GW07813RG	1,2-DIBROMOETHANE	REAL	TR1	1	UG/L	U	V1	0.36	1		Plume Extent
1786	10/16/01	GW07813RG	1,2-DICHLOROBENZENE	REAL	TR1	1	UG/L	U	UJ1	0.24	1	600	Plume Extent
1786	10/16/01	GW07813RG	1,2-DICHLOROETHANE	REAL	TR1	1	UG/L	U	V1	0.28	1	5	Plume Extent
1786	10/16/01	GW07813RG	1,2-DICHLOROPROPANE	REAL	TR1	1	UG/L	U	V1	0.21	1	5	Plume Extent
1786	10/16/01	GW07813RG	1,3-DICHLOROBENZENE	REAL	TR1	1	UG/L	U	UJ1	0.26	1	600	Plume Extent
1786	10/16/01	GW07813RG	1,3-DICHLOROPROPANE	REAL	TR1	1	UG/L	U	V1	0.26	1		Plume Extent
1786	10/16/01	GW07813RG	1,4-DICHLOROBENZENE	REAL	TR1	1	UG/L	U	UJ1	0.24	1	75	Plume Extent
1786	10/16/01	GW07813RG	2,2-DICHLOROPROPANE	REAL	TR1	1	UG/L	U	V1	0.21	1		Plume Extent
1786	10/16/01	GW07813RG	2-BUTANONE	REAL	TR1	5	UG/L	U	V1	0.93	1	21900	Plume Extent
1786	10/16/01	GW07813RG	2-HEXANONE	REAL	TR1	5	UG/L	U	V1	0.7	1		Plume Extent
1786	10/16/01	GW07813RG	4-ISOPROPYLTOLUENE	REAL	TR1	1	UG/L	U	UJ1	0.3	1		Plume Extent
1786	10/16/01	GW07813RG	4-METHYL-2-PENTANONE	REAL	TR1	5	UG/L	U	V1	0.79	1	2920	Plume Extent
1786	10/16/01	GW07813RG	ACETONE	REAL	TR1	2.2	UG/L	J	V1	1.9	1	3650	Plume Extent
1786	10/16/01	GW07813RG	BENZENE	REAL	TR1	1	UG/L	U	UJ1	0.21	1	5	Plume Extent
1786	10/16/01	GW07813RG	BENZENE, 1,2,4-TRIMETHYL	REAL	TR1	1	UG/L	U	UJ1	0.22	1		Plume Extent
1786	10/16/01	GW07813RG	BENZENE, 1,3,5-TRIMETHYL-	REAL	TR1	1	UG/L	U	UJ1	0.29	1		Plume Extent
1786	10/16/01	GW07813RG	BROMOBENZENE	REAL	TR1	1	UG/L	U	UJ1	0.24	1		Plume Extent
1786	10/16/01	GW07813RG	BROMOCHLOROMETHANE	REAL	TR1	1	UG/L	U	V1	0.21	1		Plume Extent
1786	10/16/01	GW07813RG	BROMODICHLOROMETHANE	REAL	TR1	1	UG/L	U	V1	0.22	1	100	Plume Extent
1786	10/16/01	GW07813RG	BROMOFORM	REAL	TR1	1	UG/L	U	V1	0.32	1	100	Plume Extent
1786	10/16/01	GW07813RG	BROMOMETHANE	REAL	TR1	1	UG/L	U	V1	0.3	1	51.1	Plume Extent
1786	10/16/01	GW07813RG	CARBON DISULFIDE	REAL	TR1	1	UG/L	U	V1	0.19	1	3650	Plume Extent
1786	10/16/01	GW07813RG	CARBON TETRACHLORIDE	REAL	TR1	0.32	UG/L	J	V1	0.19	1	5	Plume Extent
1786	10/16/01	GW07813RG	CHLOROBENZENE	REAL	TR1	1	UG/L	U	UJ1	0.3	1	100	Plume Extent
1786	10/16/01	GW07813RG	CHLOROETHANE	REAL	TR1	1	UG/L	U	V1	0.25	1	29.4	Plume Extent
1786	10/16/01	GW07813RG	CHLOROFORM	REAL	TR1	0.69	UG/L	J	V1	0.23	1	100	Plume Extent
1786	10/16/01	GW07813RG	CHLOROMETHANE	REAL	TR1	1	UG/L	U	V1	0.3	1	6.55	Plume Extent
1786	10/16/01	GW07813RG	cis-1,2-DICHLOROETHENE	REAL	TR1	1	UG/L	U	V1	0.26	1	70	Plume Extent
1786	10/16/01	GW07813RG	cis-1,3-DICHLOROPROPENE	REAL	TR1	1	UG/L	U	V1	0.28	1	0.473	Plume Extent
1786	10/16/01	GW07813RG	DIBROMOCHLOROMETHANE	REAL	TR1	1	UG/L	U	V1	0.38	1	1.01	Plume Extent
1786	10/16/01	GW07813RG	DIBROMOMETHANE	REAL	TR1	1	UG/L	U	V1	0.44	1		Plume Extent
1786	10/16/01	GW07813RG	DICHLORODIFLUOROMETHANE	REAL	TR1	1	UG/L	U	V1	0.23	1		Plume Extent
1786	10/16/01	GW07813RG	ETHYLBENZENE	REAL	TR1	1	UG/L	U	UJ1	0.28	1	700	Plume Extent
1786	10/16/01	GW07813RG	HEXACHLOROBUTADIENE	REAL	TR1	1	UG/L	U	V1	0.29	1	1.09	Plume Extent
1786	10/16/01	GW07813RG	ISOPROPYLBENZENE	REAL	TR1	1	UG/L	U	UJ1	0.31	1		Plume Extent
1786	10/16/01	GW07813RG	METHYLENE CHLORIDE	REAL	TR1	1	UG/L	U	V1	0.89	1	5	Plume Extent
1786	10/16/01	GW07813RG	NAPHTHALENE	REAL	TR1	1	UG/L	U	UJ1	0.15	1	1460	Plume Extent
1786	10/16/01	GW07813RG	n-BUTYLBENZENE	REAL	TR1	1	UG/L	U	UJ1	0.26	1		Plume Extent
1786	10/16/01	GW07813RG	n-PROPYLBENZENE	REAL	TR1	1	UG/L	U	UJ1	0.23	1		Plume Extent
1786	10/16/01	GW07813RG	o-CHLOROTOLUENE	REAL	TR1	1	UG/L	U	UJ1	0.31	1		Plume Extent
1786	10/16/01	GW07813RG	p-CHLOROTOLUENE	REAL	TR1	1	UG/L	U	UJ1	0.25	1		Plume Extent
1786	10/16/01	GW07813RG	PROPANE, 1,2-DIBROMO-3-CHLORO-	REAL	TR1	1	UG/L	U	V1	0.25	1	0.2	Plume Extent
1786	10/16/01	GW07813RG	sec-BUTYLBENZENE	REAL	TR1	1	UG/L	U	UJ1	0.26	1		Plume Extent
1786	10/16/01	GW07813RG	STYRENE	REAL	TR1	1	UG/L	U	UJ1	0.27	1	100	Plume Extent
1786	10/16/01	GW07813RG	tert-BUTYLBENZENE	REAL	TR1	1	UG/L	U	UJ1	0.29	1		Plume Extent
1786	10/16/01	GW07813RG	TETRACHLOROETHENE	REAL	TR1	1	UG/L	U	V1	0.36	1	5	Plume Extent
1786	10/16/01	GW07813RG	TOLUENE	REAL	TR1	1	UG/L	U	UJ1	0.29	1	1000	Plume Extent
1786	10/16/01	GW07813RG	TOTAL XYLENES	REAL	TR1	1	UG/L	U	UJ1	0.95	1	10000	Plume Extent
1786	10/16/01	GW07813RG	trans-1,2-DICHLOROETHENE	REAL	TR1	0.5	UG/L	U	V1	0.27	1	70	Plume Extent
1786	10/16/01	GW07813RG	trans-1,3-DICHLOROPROPENE	REAL	TR1	1	UG/L	U	V1	0.42	1	0.473	Plume Extent
1786	10/16/01	GW07813RG	TRICHLOROETHENE	REAL	TR1	0.9	UG/L	J	V1	0.22	1	5	Plume Extent
1786	10/16/01	GW07813RG	TRICHLOROFLUOROMETHANE	REAL	TR1	1	UG/L	U	V1	0.28	1		Plume Extent
1786	10/16/01	GW07813RG	VINYL CHLORIDE	REAL	TR1	1	UG/L	U	V1	0.21	1	2	Plume Extent

**Appendix A: Groundwater Analytical Data - Dissolved Gases and Volatile Organic Compounds Fourth Quarter 2001**

Location	Sample Date	Sample #	Analyte	QC Type	Result Type	Result	Units	Lab Qual	Valid-ation	Detect Limit	Dilution	Tier II	IMP Well Class
18199	10/29/01	GW07830RG	1,1,1,2-TETRACHLOROETHANE	REAL	DL1	67	UG/L	U	V1	15	66.7		Plume Degradation
18199	10/29/01	GW07830RG	1,1,1-TRICHLOROETHANE	REAL	DL1	67	UG/L	U	V1	17	66.7	200	Plume Degradation
18199	10/29/01	GW07830RG	1,1,2,2-TETRACHLOROETHANE	REAL	DL1	67	UG/L	U	V1	21	66.7	0.426	Plume Degradation
18199	10/29/01	GW07830RG	1,1,2-TRICHLOROETHANE	REAL	DL1	67	UG/L	U	V1	26	66.7	5	Plume Degradation
18199	10/29/01	GW07830RG	1,1,2-TRICHLOROTRIFLUOROETHANE	REAL	DL1	67	UG/L	U	V1	14	66.7		Plume Degradation
18199	10/29/01	GW07830RG	1,1-DICHLOROETHANE	REAL	DL1	67	UG/L	U	V1	11	66.7	3650	Plume Degradation
18199	10/29/01	GW07830RG	1,1-DICHLOROETHENE	REAL	DL1	67	UG/L	U	V1	13	66.7	7	Plume Degradation
18199	10/29/01	GW07830RG	1,1-DICHLOROPROPENE	REAL	DL1	67	UG/L	U	V1	15	66.7		Plume Degradation
18199	10/29/01	GW07830RG	1,2,3-TRICHLOROBENZENE	REAL	DL1	67	UG/L	U	UJ1	11	66.7		Plume Degradation
18199	10/29/01	GW07830RG	1,2,3-TRICHLOROPROPANE	REAL	DL1	67	UG/L	U	V1	19	66.7		Plume Degradation
18199	10/29/01	GW07830RG	1,2,4-TRICHLOROBENZENE	REAL	DL1	67	UG/L	U	UJ1	13	66.7	70	Plume Degradation
18199	10/29/01	GW07830RG	1,2-DIBROMOETHANE	REAL	DL1	67	UG/L	U	V1	24	66.7		Plume Degradation
18199	10/29/01	GW07830RG	1,2-DICHLOROBENZENE	REAL	DL1	67	UG/L	U	UJ1	16	66.7	600	Plume Degradation
18199	10/29/01	GW07830RG	1,2-DICHLOROETHANE	REAL	DL1	67	UG/L	U	V1	19	66.7	5	Plume Degradation
18199	10/29/01	GW07830RG	1,2-DICHLOROPROPANE	REAL	DL1	67	UG/L	U	V1	14	66.7	5	Plume Degradation
18199	10/29/01	GW07830RG	1,3-DICHLOROBENZENE	REAL	DL1	67	UG/L	U	UJ1	17	66.7	600	Plume Degradation
18199	10/29/01	GW07830RG	1,3-DICHLOROPROPANE	REAL	DL1	67	UG/L	U	V1	17	66.7		Plume Degradation
18199	10/29/01	GW07830RG	1,4-DICHLOROBENZENE	REAL	DL1	67	UG/L	U	UJ1	16	66.7	75	Plume Degradation
18199	10/29/01	GW07830RG	2,2-DICHLOROPROPANE	REAL	DL1	67	UG/L	U	V1	14	66.7		Plume Degradation
18199	10/29/01	GW07830RG	2-BUTANONE	REAL	DL1	330	UG/L	U	UJ1	62	66.7	21900	Plume Degradation
18199	10/29/01	GW07830RG	2-HEXANONE	REAL	DL1	330	UG/L	U	UJ1	47	66.7		Plume Degradation
18199	10/29/01	GW07830RG	4-ISOPROPYLTOLUENE	REAL	DL1	67	UG/L	U	UJ1	20	66.7		Plume Degradation
18199	10/29/01	GW07830RG	4-METHYL-2-PENTANONE	REAL	DL1	330	UG/L	U	UJ1	53	66.7	2920	Plume Degradation
18199	10/29/01	GW07830RG	ACETONE	REAL	DL1	670	UG/L	U	UJ1	130	66.7	3650	Plume Degradation
18199	10/29/01	GW07830RG	BENZENE	REAL	DL1	67	UG/L	U	UJ1	14	66.7	5	Plume Degradation
18199	10/29/01	GW07830RG	BENZENE, 1,2,4-TRIMETHYL	REAL	DL1	67	UG/L	U	UJ1	15	66.7		Plume Degradation
18199	10/29/01	GW07830RG	BENZENE, 1,3,5-TRIMETHYL-	REAL	DL1	67	UG/L	U	UJ1	19	66.7		Plume Degradation
18199	10/29/01	GW07830RG	BROMOBENZENE	REAL	DL1	67	UG/L	U	UJ1	16	66.7		Plume Degradation
18199	10/29/01	GW07830RG	BROMOCHLOROMETHANE	REAL	DL1	67	UG/L	U	V1	14	66.7		Plume Degradation
18199	10/29/01	GW07830RG	BROMODICHLOROMETHANE	REAL	DL1	67	UG/L	U	V1	15	66.7	100	Plume Degradation
18199	10/29/01	GW07830RG	BROMOFORM	REAL	DL1	67	UG/L	U	UJ1	21	66.7	100	Plume Degradation
18199	10/29/01	GW07830RG	BROMOMETHANE	REAL	DL1	67	UG/L	U	UJ1	20	66.7	51.1	Plume Degradation
18199	10/29/01	GW07830RG	CARBON DISULFIDE	REAL	DL1	67	UG/L	U	V1	13	66.7	3650	Plume Degradation
18199	10/29/01	GW07830RG	CARBON TETRACHLORIDE	REAL	DL1	19000	UG/L		V1	130	66.7	5	Plume Degradation
18199	10/29/01	GW07830RG	CHLOROBENZENE	REAL	DL1	67	UG/L	U	UJ1	20	66.7	100	Plume Degradation
18199	10/29/01	GW07830RG	CHLOROETHANE	REAL	DL1	67	UG/L	U	V1	17	66.7	29.4	Plume Degradation
18199	10/29/01	GW07830RG	CHLOROFORM	REAL	DL1	3300	UG/L		V1	15	66.7	100	Plume Degradation
18199	10/29/01	GW07830RG	CHLOROMETHANE	REAL	DL1	67	UG/L	U	V1	20	66.7	6.55	Plume Degradation
18199	10/29/01	GW07830RG	cis-1,2-DICHLOROETHENE	REAL	DL1	67	UG/L	U	V1	17	66.7	70	Plume Degradation
18199	10/29/01	GW07830RG	cis-1,3-DICHLOROPROPENE	REAL	DL1	67	UG/L	U	V1	19	66.7	0.473	Plume Degradation
18199	10/29/01	GW07830RG	DIBROMOCHLOROMETHANE	REAL	DL1	67	UG/L	U	V1	25	66.7	1.01	Plume Degradation
18199	10/29/01	GW07830RG	DIBROMOMETHANE	REAL	DL1	67	UG/L	U	V1	29	66.7		Plume Degradation
18199	10/29/01	GW07830RG	DICHLORODIFLUOROMETHANE	REAL	DL1	67	UG/L	U	V1	15	66.7		Plume Degradation
18199	10/29/01	GW07830RG	ETHYLBENZENE	REAL	DL1	67	UG/L	U	UJ1	19	66.7	700	Plume Degradation
18199	10/29/01	GW07830RG	HEXACHLOROBUTADIENE	REAL	DL1	67	UG/L	U	V1	19	66.7	1.09	Plume Degradation
18199	10/29/01	GW07830RG	ISOPROPYLBENZENE	REAL	DL1	67	UG/L	U	UJ1	21	66.7		Plume Degradation
18199	10/29/01	GW07830RG	METHYLENE CHLORIDE	REAL	DL1	67	UG/L	U	V1	59	66.7	5	Plume Degradation
18199	10/29/01	GW07830RG	NAPHTHALENE	REAL	DL1	67	UG/L	U	UJ1	10	66.7	1460	Plume Degradation
18199	10/29/01	GW07830RG	n-BUTYLBENZENE	REAL	DL1	67	UG/L	U	UJ1	17	66.7		Plume Degradation
18199	10/29/01	GW07830RG	n-PROPYLBENZENE	REAL	DL1	67	UG/L	U	UJ1	15	66.7		Plume Degradation
18199	10/29/01	GW07830RG	o-CHLOROTOLUENE	REAL	DL1	67	UG/L	U	UJ1	21	66.7		Plume Degradation
18199	10/29/01	GW07830RG	p-CHLOROTOLUENE	REAL	DL1	67	UG/L	U	UJ1	17	66.7		Plume Degradation
18199	10/29/01	GW07830RG	PROPANE, 1,2-DIBROMO-3-CHLORO-	REAL	DL1	67	UG/L	U	V1	17	66.7	0.2	Plume Degradation
18199	10/29/01	GW07830RG	sec-BUTYLBENZENE	REAL	DL1	67	UG/L	U	UJ1	17	66.7		Plume Degradation
18199	10/29/01	GW07830RG	STYRENE	REAL	DL1	67	UG/L	U	UJ1	18	66.7	100	Plume Degradation
18199	10/29/01	GW07830RG	tert-BUTYLBENZENE	REAL	DL1	67	UG/L	U	UJ1	19	66.7		Plume Degradation

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Appendix A: Groundwater Analytical Data - Dissolved Gasses and Volatile Organic Compounds Fourth Quarter 2001

Location	Sample Date	Sample #	Analyte	QC Type	Result Type	Result	Units	Lab Qual	Valid-ation	Detect Limit	Dilu-tion	Tier II	IMP Well Class
18199	10/29/01	GW07830RG	TETRACHLOROETHENE	REAL	DL1	44	UG/L	J	V1	24	66.7	5	Plume Degradation
18199	10/29/01	GW07830RG	TOLUENE	REAL	DL1	67	UG/L	U	UJ1	19	66.7	1000	Plume Degradation
18199	10/29/01	GW07830RG	TOTAL XYLENES	REAL	DL1	67	UG/L	U	UJ1	63	66.7	10000	Plume Degradation
18199	10/29/01	GW07830RG	trans-1,2-DICHLOROETHENE	REAL	DL1	33	UG/L	U	V1	18	66.7	70	Plume Degradation
18199	10/29/01	GW07830RG	trans-1,3-DICHLOROPROPENE	REAL	DL1	67	UG/L	U	V1	28	66.7	0.473	Plume Degradation
18199	10/29/01	GW07830RG	TRICHLOROETHENE	REAL	DL1	67	UG/L	U	V1	15	66.7	5	Plume Degradation
18199	10/29/01	GW07830RG	TRICHLOROFLUOROMETHANE	REAL	DL1	67	UG/L	U	V1	19	66.7		Plume Degradation
18199	10/29/01	GW07830RG	VINYL CHLORIDE	REAL	DL1	67	UG/L	U	V1	14	66.7	2	Plume Degradation
18399	10/29/01	GW07826RG	1,1,1,2-TETRACHLOROETHANE	REAL	DL1	200	UG/L	U	V1	44	200		Plume Degradation
18399	10/29/01	GW07826RG	1,1,1-TRICHLOROETHANE	REAL	DL1	200	UG/L	U	V1	52	200	200	Plume Degradation
18399	10/29/01	GW07826RG	1,1,2,2-TETRACHLOROETHANE	REAL	DL1	200	UG/L	U	V1	62	200	0.426	Plume Degradation
18399	10/29/01	GW07826RG	1,1,2-TRICHLOROETHANE	REAL	DL1	200	UG/L	U	V1	78	200	5	Plume Degradation
18399	10/29/01	GW07826RG	1,1,2-TRICHLOROTRIFLUOROETHANE	REAL	DL1	200	UG/L	U	V1	42	200		Plume Degradation
18399	10/29/01	GW07826RG	1,1-DICHLOROETHANE	REAL	DL1	200	UG/L	U	V1	34	200	3650	Plume Degradation
18399	10/29/01	GW07826RG	1,1-DICHLOROETHENE	REAL	DL1	200	UG/L	U	V1	40	200	7	Plume Degradation
18399	10/29/01	GW07826RG	1,1-DICHLOROPROPENE	REAL	DL1	200	UG/L	U	V1	44	200		Plume Degradation
18399	10/29/01	GW07826RG	1,2,3-TRICHLOROBENZENE	REAL	DL1	200	UG/L	U	UJ1	32	200		Plume Degradation
18399	10/29/01	GW07826RG	1,2,3-TRICHLOROPROPANE	REAL	DL1	200	UG/L	U	V1	58	200		Plume Degradation
18399	10/29/01	GW07826RG	1,2,4-TRICHLOROBENZENE	REAL	DL1	200	UG/L	U	UJ1	40	200	70	Plume Degradation
18399	10/29/01	GW07826RG	1,2-DIBROMOETHANE	REAL	DL1	200	UG/L	U	V1	72	200		Plume Degradation
18399	10/29/01	GW07826RG	1,2-DICHLOROBENZENE	REAL	DL1	200	UG/L	U	UJ1	48	200	600	Plume Degradation
18399	10/29/01	GW07826RG	1,2-DICHLOROETHANE	REAL	DL1	200	UG/L	U	V1	56	200	5	Plume Degradation
18399	10/29/01	GW07826RG	1,2-DICHLOROPROPANE	REAL	DL1	200	UG/L	U	V1	42	200	5	Plume Degradation
18399	10/29/01	GW07826RG	1,3-DICHLOROBENZENE	REAL	DL1	200	UG/L	U	UJ1	52	200	600	Plume Degradation
18399	10/29/01	GW07826RG	1,3-DICHLOROPROPANE	REAL	DL1	200	UG/L	U	V1	52	200		Plume Degradation
18399	10/29/01	GW07826RG	1,4-DICHLOROBENZENE	REAL	DL1	200	UG/L	U	UJ1	48	200	75	Plume Degradation
18399	10/29/01	GW07826RG	2,2-DICHLOROPROPANE	REAL	DL1	200	UG/L	U	V1	42	200		Plume Degradation
18399	10/29/01	GW07826RG	2-BUTANONE	REAL	DL1	1000	UG/L	U	V1	190	200	21900	Plume Degradation
18399	10/29/01	GW07826RG	2-HEXANONE	REAL	DL1	1000	UG/L	U	V1	140	200		Plume Degradation
18399	10/29/01	GW07826RG	4-ISOPROPYLTOLUENE	REAL	DL1	200	UG/L	U	UJ1	60	200		Plume Degradation
18399	10/29/01	GW07826RG	4-METHYL-2-PENTANONE	REAL	DL1	1000	UG/L	U	V1	160	200	2920	Plume Degradation
18399	10/29/01	GW07826RG	ACETONE	REAL	DL1	2000	UG/L	U	V1	380	200	3650	Plume Degradation
18399	10/29/01	GW07826RG	BENZENE	REAL	DL1	200	UG/L	U	UJ1	42	200	5	Plume Degradation
18399	10/29/01	GW07826RG	BENZENE, 1,2,4-TRIMETHYL	REAL	DL1	200	UG/L	U	UJ1	44	200		Plume Degradation
18399	10/29/01	GW07826RG	BENZENE, 1,3,5-TRIMETHYL-	REAL	DL1	200	UG/L	U	UJ1	58	200		Plume Degradation
18399	10/29/01	GW07826RG	BROMOBENZENE	REAL	DL1	200	UG/L	U	UJ1	48	200		Plume Degradation
18399	10/29/01	GW07826RG	BROMOCHLOROMETHANE	REAL	DL1	200	UG/L	U	V1	42	200		Plume Degradation
18399	10/29/01	GW07826RG	BROMODICHLOROMETHANE	REAL	DL1	200	UG/L	U	V1	44	200	100	Plume Degradation
18399	10/29/01	GW07826RG	BROMOFORM	REAL	DL1	200	UG/L	U	V1	64	200	100	Plume Degradation
18399	10/29/01	GW07826RG	BROMOMETHANE	REAL	DL1	200	UG/L	U	UJ1	60	200	51.1	Plume Degradation
18399	10/29/01	GW07826RG	CARBON DISULFIDE	REAL	DL1	200	UG/L	U	V1	38	200	3650	Plume Degradation
18399	10/29/01	GW07826RG	CARBON TETRACHLORIDE	REAL	DL1	55000	UG/L		V1	380	2000	5	Plume Degradation
18399	10/29/01	GW07826RG	CHLOROBENZENE	REAL	DL1	200	UG/L	U	UJ1	60	200	100	Plume Degradation
18399	10/29/01	GW07826RG	CHLOROETHANE	REAL	DL1	200	UG/L	U	V1	50	200	29.4	Plume Degradation
18399	10/29/01	GW07826RG	CHLOROFORM	REAL	DL1	3700	UG/L		V1	46	200	100	Plume Degradation
18399	10/29/01	GW07826RG	CHLOROMETHANE	REAL	DL1	200	UG/L	U	V1	60	200	6.55	Plume Degradation
18399	10/29/01	GW07826RG	cis-1,2-DICHLOROETHENE	REAL	DL1	200	UG/L	U	V1	52	200	70	Plume Degradation
18399	10/29/01	GW07826RG	cis-1,3-DICHLOROPROPENE	REAL	DL1	200	UG/L	U	V1	56	200	0.473	Plume Degradation
18399	10/29/01	GW07826RG	DIBROMOCHLOROMETHANE	REAL	DL1	200	UG/L	U	V1	76	200	1.01	Plume Degradation
18399	10/29/01	GW07826RG	DIBROMOMETHANE	REAL	DL1	200	UG/L	U	V1	88	200		Plume Degradation
18399	10/29/01	GW07826RG	DICHLORODIFLUOROMETHANE	REAL	DL1	200	UG/L	U	V1	46	200		Plume Degradation
18399	10/29/01	GW07826RG	ETHYLBENZENE	REAL	DL1	200	UG/L	U	UJ1	56	200	700	Plume Degradation
18399	10/29/01	GW07826RG	HEXACHLOROBUTADIENE	REAL	DL1	200	UG/L	U	V1	58	200	1.09	Plume Degradation
18399	10/29/01	GW07826RG	ISOPROPYLBENZENE	REAL	DL1	200	UG/L	U	UJ1	62	200		Plume Degradation
18399	10/29/01	GW07826RG	METHYLENE CHLORIDE	REAL	DL1	200	UG/L	U	V1	180	200	5	Plume Degradation
18399	10/29/01	GW07826RG	NAPHTHALENE	REAL	DL1	200	UG/L	U	UJ1	30	200	1460	Plume Degradation

Appendix A: Groundwater Analytical Data - Dissolved Gasses and Volatile Organic Compounds Fourth Quarter 2001

Location	Sample Date	Sample #	Analyte	QC Type	Result Type	Result	Units	Lab Qual	Valid-ation	Detect Limit	Dilu-tion	Tier II	IMP Well Class
18399	10/29/01	GW07826RG	n-BUTYLBENZENE	REAL	DL1	200	UG/L	U	UJ1	52	200		Plume Degradation
18399	10/29/01	GW07826RG	n-PROPYLBENZENE	REAL	DL1	200	UG/L	U	UJ1	46	200		Plume Degradation
18399	10/29/01	GW07826RG	o-CHLOROTOLUENE	REAL	DL1	200	UG/L	U	UJ1	62	200		Plume Degradation
18399	10/29/01	GW07826RG	p-CHLOROTOLUENE	REAL	DL1	200	UG/L	U	UJ1	50	200		Plume Degradation
18399	10/29/01	GW07826RG	PROPANE, 1,2-DIBROMO-3-CHLORO-	REAL	DL1	200	UG/L	U	V1	50	200	0.2	Plume Degradation
18399	10/29/01	GW07826RG	sec-BUTYLBENZENE	REAL	DL1	200	UG/L	U	UJ1	52	200		Plume Degradation
18399	10/29/01	GW07826RG	STYRENE	REAL	DL1	200	UG/L	U	UJ1	54	200	100	Plume Degradation
18399	10/29/01	GW07826RG	tert-BUTYLBENZENE	REAL	DL1	200	UG/L	U	UJ1	58	200		Plume Degradation
18399	10/29/01	GW07826RG	TETRACHLOROETHENE	REAL	DL1	200	UG/L	U	V1	72	200	5	Plume Degradation
18399	10/29/01	GW07826RG	TOLUENE	REAL	DL1	200	UG/L	U	UJ1	58	200	1000	Plume Degradation
18399	10/29/01	GW07826RG	TOTAL XYLENES	REAL	DL1	200	UG/L	U	UJ1	190	200	10000	Plume Degradation
18399	10/29/01	GW07826RG	trans-1,2-DICHLOROETHENE	REAL	DL1	100	UG/L	U	V1	54	200	70	Plume Degradation
18399	10/29/01	GW07826RG	trans-1,3-DICHLOROPROPENE	REAL	DL1	200	UG/L	U	V1	84	200	0.473	Plume Degradation
18399	10/29/01	GW07826RG	TRICHLOROETHENE	REAL	DL1	200	UG/L	U	V1	44	200	5	Plume Degradation
18399	10/29/01	GW07826RG	TRICHLOROFLUOROMETHANE	REAL	DL1	200	UG/L	U	V1	56	200		Plume Degradation
18399	10/29/01	GW07826RG	VINYL CHLORIDE	REAL	DL1	200	UG/L	U	V1	42	200	2	Plume Degradation
18499	10/30/01	GW07827RG	1,1,1,2-TETRACHLOROETHANE	REAL	DL1	80	UG/L	U	V1	18	80		Plume Degradation
18499	10/30/01	GW07827RG	1,1,1-TRICHLOROETHANE	REAL	DL1	80	UG/L	U	V1	21	80	200	Plume Degradation
18499	10/30/01	GW07827RG	1,1,2,2-TETRACHLOROETHANE	REAL	DL1	80	UG/L	U	V1	25	80	0.426	Plume Degradation
18499	10/30/01	GW07827RG	1,1,2-TRICHLOROETHANE	REAL	DL1	80	UG/L	U	V1	31	80	5	Plume Degradation
18499	10/30/01	GW07827RG	1,1,2-TRICHLOROTRIFLUOROETHANE	REAL	DL1	80	UG/L	U	V1	17	80		Plume Degradation
18499	10/30/01	GW07827RG	1,1-DICHLOROETHANE	REAL	DL1	80	UG/L	U	V1	14	80	3650	Plume Degradation
18499	10/30/01	GW07827RG	1,1-DICHLOROETHENE	REAL	DL1	80	UG/L	U	V1	16	80	7	Plume Degradation
18499	10/30/01	GW07827RG	1,1-DICHLOROPROPENE	REAL	DL1	80	UG/L	U	V1	18	80		Plume Degradation
18499	10/30/01	GW07827RG	1,2,3-TRICHLOROBENZENE	REAL	DL1	80	UG/L	U	UJ1	13	80		Plume Degradation
18499	10/30/01	GW07827RG	1,2,3-TRICHLOROPROPANE	REAL	DL1	80	UG/L	U	V1	23	80		Plume Degradation
18499	10/30/01	GW07827RG	1,2,4-TRICHLOROBENZENE	REAL	DL1	80	UG/L	U	UJ1	16	80	70	Plume Degradation
18499	10/30/01	GW07827RG	1,2-DIBROMOETHANE	REAL	DL1	80	UG/L	U	V1	29	80		Plume Degradation
18499	10/30/01	GW07827RG	1,2-DICHLOROBENZENE	REAL	DL1	80	UG/L	U	UJ1	19	80	600	Plume Degradation
18499	10/30/01	GW07827RG	1,2-DICHLOROETHANE	REAL	DL1	80	UG/L	U	V1	22	80	5	Plume Degradation
18499	10/30/01	GW07827RG	1,2-DICHLOROPROPANE	REAL	DL1	80	UG/L	U	V1	17	80	5	Plume Degradation
18499	10/30/01	GW07827RG	1,3-DICHLOROBENZENE	REAL	DL1	80	UG/L	U	UJ1	21	80	600	Plume Degradation
18499	10/30/01	GW07827RG	1,3-DICHLOROPROPANE	REAL	DL1	80	UG/L	U	V1	21	80		Plume Degradation
18499	10/30/01	GW07827RG	1,4-DICHLOROBENZENE	REAL	DL1	80	UG/L	U	UJ1	19	80	75	Plume Degradation
18499	10/30/01	GW07827RG	2,2-DICHLOROPROPANE	REAL	DL1	80	UG/L	U	V1	17	80		Plume Degradation
18499	10/30/01	GW07827RG	2-BUTANONE	REAL	DL1	400	UG/L	U	UJ1	74	80	21900	Plume Degradation
18499	10/30/01	GW07827RG	2-HEXANONE	REAL	DL1	400	UG/L	U	UJ1	56	80		Plume Degradation
18499	10/30/01	GW07827RG	4-ISOPROPYLTOLUENE	REAL	DL1	80	UG/L	U	UJ1	24	80		Plume Degradation
18499	10/30/01	GW07827RG	4-METHYL-2-PENTANONE	REAL	DL1	400	UG/L	U	UJ1	63	80	2920	Plume Degradation
18499	10/30/01	GW07827RG	ACETONE	REAL	DL1	800	UG/L	U	UJ1	150	80	3650	Plume Degradation
18499	10/30/01	GW07827RG	BENZENE	REAL	DL1	80	UG/L	U	UJ1	17	80	5	Plume Degradation
18499	10/30/01	GW07827RG	BENZENE, 1,2,4-TRIMETHYL	REAL	DL1	80	UG/L	U	UJ1	18	80		Plume Degradation
18499	10/30/01	GW07827RG	BENZENE, 1,3,5-TRIMETHYL-	REAL	DL1	80	UG/L	U	UJ1	23	80		Plume Degradation
18499	10/30/01	GW07827RG	BROMOBENZENE	REAL	DL1	80	UG/L	U	UJ1	19	80		Plume Degradation
18499	10/30/01	GW07827RG	BROMOCHLOROMETHANE	REAL	DL1	80	UG/L	U	V1	17	80		Plume Degradation
18499	10/30/01	GW07827RG	BROMODICHLOROMETHANE	REAL	DL1	80	UG/L	U	V1	18	80	100	Plume Degradation
18499	10/30/01	GW07827RG	BROMOFORM	REAL	DL1	80	UG/L	U	UJ1	26	80	100	Plume Degradation
18499	10/30/01	GW07827RG	BROMOMETHANE	REAL	DL1	80	UG/L	U	UJ1	24	80	51.1	Plume Degradation
18499	10/30/01	GW07827RG	CARBON DISULFIDE	REAL	DL1	80	UG/L	U	V1	15	80	3650	Plume Degradation
18499	10/30/01	GW07827RG	CARBON TETRACHLORIDE	REAL	DL1	24000	UG/L		V1	380	2000	5	Plume Degradation
18499	10/30/01	GW07827RG	CHLOROBENZENE	REAL	DL1	80	UG/L	U	UJ1	24	80	100	Plume Degradation
18499	10/30/01	GW07827RG	CHLOROETHANE	REAL	DL1	80	UG/L	U	V1	20	80	29.4	Plume Degradation
18499	10/30/01	GW07827RG	CHLOROMETHANE	REAL	DL1	80	UG/L	U	V1	24	80	6.55	Plume Degradation
18499	10/30/01	GW07827RG	cis-1,2-DICHLOROETHENE	REAL	DL1	80	UG/L	U	V1	21	80	70	Plume Degradation
18499	10/30/01	GW07827RG	cis-1,3-DICHLOROPROPENE	REAL	DL1	80	UG/L	U	V1	22	80	0.473	Plume Degradation
18499	10/30/01	GW07827RG	DIBROMOCHLOROMETHANE	REAL	DL1	80	UG/L	U	V1	30	80	1.01	Plume Degradation



Appendix A: Groundwater Analytical Data - Dissolved Gasses and Volatile Organic Compounds Fourth Quarter 2001

Location	Sample Date	Sample #	Analyte	QC Type	Result Type	Result	Units	Lab Qual	Valid-ation	Detect Limit	Dilu-tion	Tier II	IMP Well Class
18499	10/30/01	GW07827RG	DIBROMOMETHANE	REAL	DL1	80	UG/L	U	V1	35	80		Plume Degradation
18499	10/30/01	GW07827RG	DICHLORODIFLUOROMETHANE	REAL	DL1	80	UG/L	U	V1	18	80		Plume Degradation
18499	10/30/01	GW07827RG	ETHYLBENZENE	REAL	DL1	80	UG/L	U	UJ1	22	80	700	Plume Degradation
18499	10/30/01	GW07827RG	HEXACHLOROBUTADIENE	REAL	DL1	80	UG/L	U	V1	23	80	1.09	Plume Degradation
18499	10/30/01	GW07827RG	HEXACHLOROETHANE (TIC)	REAL	DL1	1602	UG/L	J	V1		80	6.08	Plume Degradation
18499	10/30/01	GW07827RG	ISOPROPYLBENZENE	REAL	DL1	80	UG/L	U	UJ1	25	80		Plume Degradation
18499	10/30/01	GW07827RG	METHYLENE CHLORIDE	REAL	DL1	100	UG/L		V1	71	80	5	Plume Degradation
18499	10/30/01	GW07827RG	NAPHTHALENE	REAL	DL1	80	UG/L	U	UJ1	12	80	1460	Plume Degradation
18499	10/30/01	GW07827RG	n-BUTYLBENZENE	REAL	DL1	80	UG/L	U	UJ1	21	80		Plume Degradation
18499	10/30/01	GW07827RG	n-PROPYLBENZENE	REAL	DL1	80	UG/L	U	UJ1	18	80		Plume Degradation
18499	10/30/01	GW07827RG	o-CHLOROTOLUENE	REAL	DL1	80	UG/L	U	UJ1	25	80		Plume Degradation
18499	10/30/01	GW07827RG	p-CHLOROTOLUENE	REAL	DL1	80	UG/L	U	UJ1	20	80		Plume Degradation
18499	10/30/01	GW07827RG	PROPANE, 1,2-DIBROMO-3-CHLORO-	REAL	DL1	80	UG/L	U	V1	20	80	0.2	Plume Degradation
18499	10/30/01	GW07827RG	sec-BUTYLBENZENE	REAL	DL1	80	UG/L	U	UJ1	21	80		Plume Degradation
18499	10/30/01	GW07827RG	STYRENE	REAL	DL1	80	UG/L	U	UJ1	22	80	100	Plume Degradation
18499	10/30/01	GW07827RG	tert-BUTYLBENZENE	REAL	DL1	80	UG/L	U	UJ1	23	80		Plume Degradation
18499	10/30/01	GW07827RG	TETRACHLOROETHENE	REAL	DL1	78	UG/L	J	V1	29	80	5	Plume Degradation
18499	10/30/01	GW07827RG	TOLUENE	REAL	DL1	80	UG/L	U	UJ1	23	80	1000	Plume Degradation
18499	10/30/01	GW07827RG	TOTAL XYLENES	REAL	DL1	80	UG/L	U	UJ1	76	80	10000	Plume Degradation
18499	10/30/01	GW07827RG	trans-1,2-DICHLOROETHENE	REAL	DL1	40	UG/L	U	V1	22	80	70	Plume Degradation
18499	10/30/01	GW07827RG	trans-1,3-DICHLOROPROPENE	REAL	DL1	80	UG/L	U	V1	34	80	0.473	Plume Degradation
18499	10/30/01	GW07827RG	TRICHLOROETHENE	REAL	DL1	80	UG/L	U	V1	18	80	5	Plume Degradation
18499	10/30/01	GW07827RG	TRICHLOROFLUOROMETHANE	REAL	DL1	80	UG/L	U	V1	22	80		Plume Degradation
18499	10/30/01	GW07827RG	VINYL CHLORIDE	REAL	DL1	80	UG/L	U	V1	17	80	2	Plume Degradation
18799	10/30/01	GW07828RG	1,1,1,2-TETRACHLOROETHANE	REAL	DL1	2.5	UG/L	U	V1	0.55	2.5		Plume Degradation
18799	10/30/01	GW07828RG	1,1,1-TRICHLOROETHANE	REAL	DL1	2.5	UG/L	U	V1	0.65	2.5	200	Plume Degradation
18799	10/30/01	GW07828RG	1,1,2,2-TETRACHLOROETHANE	REAL	DL1	2.5	UG/L	U	V1	0.78	2.5	0.426	Plume Degradation
18799	10/30/01	GW07828RG	1,1,2-TRICHLOROETHANE	REAL	DL1	2.5	UG/L	U	V1	0.98	2.5	5	Plume Degradation
18799	10/30/01	GW07828RG	1,1,2-TRICHLOROTRIFLUOROETHANE	REAL	DL1	2.5	UG/L	U	V1	0.52	2.5		Plume Degradation
18799	10/30/01	GW07828RG	1,1-DICHLOROETHANE	REAL	DL1	1.1	UG/L	J	V1	0.42	2.5	3650	Plume Degradation
18799	10/30/01	GW07828RG	1,1-DICHLOROETHENE	REAL	DL1	11	UG/L		V1	0.5	2.5	7	Plume Degradation
18799	10/30/01	GW07828RG	1,1-DICHLOROPROPENE	REAL	DL1	2.5	UG/L	U	V1	0.55	2.5		Plume Degradation
18799	10/30/01	GW07828RG	1,2,3-TRICHLOROBENZENE	REAL	DL1	2.5	UG/L	U	UJ1	0.4	2.5		Plume Degradation
18799	10/30/01	GW07828RG	1,2,3-TRICHLOROPROPANE	REAL	DL1	2.5	UG/L	U	V1	0.72	2.5		Plume Degradation
18799	10/30/01	GW07828RG	1,2,4-TRICHLOROBENZENE	REAL	DL1	2.5	UG/L	U	UJ1	0.5	2.5	70	Plume Degradation
18799	10/30/01	GW07828RG	1,2-DIBROMOETHANE	REAL	DL1	2.5	UG/L	U	V1	0.9	2.5		Plume Degradation
18799	10/30/01	GW07828RG	1,2-DICHLOROBENZENE	REAL	DL1	2.5	UG/L	U	UJ1	0.6	2.5	600	Plume Degradation
18799	10/30/01	GW07828RG	1,2-DICHLOROETHANE	REAL	DL1	2.5	UG/L	U	V1	0.7	2.5	5	Plume Degradation
18799	10/30/01	GW07828RG	1,2-DICHLOROPROPANE	REAL	DL1	2.5	UG/L	U	V1	0.52	2.5	5	Plume Degradation
18799	10/30/01	GW07828RG	1,3-DICHLOROBENZENE	REAL	DL1	2.5	UG/L	U	UJ1	0.65	2.5	600	Plume Degradation
18799	10/30/01	GW07828RG	1,3-DICHLOROPROPANE	REAL	DL1	2.5	UG/L	U	V1	0.65	2.5		Plume Degradation
18799	10/30/01	GW07828RG	1,4-DICHLOROBENZENE	REAL	DL1	2.5	UG/L	U	UJ1	0.6	2.5	75	Plume Degradation
18799	10/30/01	GW07828RG	2,2-DICHLOROPROPANE	REAL	DL1	2.5	UG/L	U	V1	0.52	2.5		Plume Degradation
18799	10/30/01	GW07828RG	2-BUTANONE	REAL	DL1	12	UG/L	U	UJ1	2.3	2.5	21900	Plume Degradation
18799	10/30/01	GW07828RG	2-HEXANONE	REAL	DL1	12	UG/L	U	UJ1	1.8	2.5		Plume Degradation
18799	10/30/01	GW07828RG	4-ISOPROPYLTOLUENE	REAL	DL1	2.5	UG/L	U	UJ1	0.75	2.5		Plume Degradation
18799	10/30/01	GW07828RG	4-METHYL-2-PENTANONE	REAL	DL1	12	UG/L	U	UJ1	2	2.5	2920	Plume Degradation
18799	10/30/01	GW07828RG	ACETONE	REAL	DL1	25	UG/L	U	UJ1	4.7	2.5	3650	Plume Degradation
18799	10/30/01	GW07828RG	BENZENE	REAL	DL1	2.5	UG/L	U	UJ1	0.52	2.5	5	Plume Degradation
18799	10/30/01	GW07828RG	BENZENE, 1,2,4-TRIMETHYL	REAL	DL1	2.5	UG/L	U	UJ1	0.55	2.5		Plume Degradation
18799	10/30/01	GW07828RG	BENZENE, 1,3,5-TRIMETHYL-	REAL	DL1	2.5	UG/L	U	UJ1	0.72	2.5		Plume Degradation
18799	10/30/01	GW07828RG	BROMOBENZENE	REAL	DL1	2.5	UG/L	U	UJ1	0.6	2.5		Plume Degradation
18799	10/30/01	GW07828RG	BROMOCHLOROMETHANE	REAL	DL1	2.5	UG/L	U	V1	0.52	2.5		Plume Degradation
18799	10/30/01	GW07828RG	BROMODICHLOROMETHANE	REAL	DL1	2.5	UG/L	U	V1	0.55	2.5	100	Plume Degradation
18799	10/30/01	GW07828RG	BROMOFORM	REAL	DL1	2.5	UG/L	U	UJ1	0.8	2.5	100	Plume Degradation
18799	10/30/01	GW07828RG	BROMOMETHANE	REAL	DL1	2.5	UG/L	U	UJ1	0.75	2.5	51.1	Plume Degradation

**Appendix A: Groundwater Analytical Data - Dissolved Gasses and Volatile Organic Compounds Fourth Quarter 2001**

Location	Sample Date	Sample #	Analyte	QC Type	Result Type	Result	Units	Lab Qual	Valid-ation	Detect Limit	Dilution	Tier II	IMP Well Class
18799	10/30/01	GW07828RG	CARBON DISULFIDE	REAL	DL1	2.5	UG/L	U	V1	0.48	2.5	3650	Plume Degradation
18799	10/30/01	GW07828RG	CARBON TETRACHLORIDE	REAL	DL1	850	UG/L		V1	4.8	25	5	Plume Degradation
18799	10/30/01	GW07828RG	CHLOROBENZENE	REAL	DL1	2.5	UG/L	U	UJ1	0.75	2.5	100	Plume Degradation
18799	10/30/01	GW07828RG	CHLOROETHANE	REAL	DL1	2.5	UG/L	U	V1	0.62	2.5	29.4	Plume Degradation
18799	10/30/01	GW07828RG	CHLOROFORM	REAL	DL1	520	UG/L		V1	5.8	25	100	Plume Degradation
18799	10/30/01	GW07828RG	CHLOROMETHANE	REAL	DL1	2.5	UG/L	U	V1	0.75	2.5	6.55	Plume Degradation
18799	10/30/01	GW07828RG	cis-1,2-DICHLOROETHENE	REAL	DL1	2.5	UG/L	U	V1	0.65	2.5	70	Plume Degradation
18799	10/30/01	GW07828RG	cis-1,3-DICHLOROPROPENE	REAL	DL1	2.5	UG/L	U	V1	0.7	2.5	0.473	Plume Degradation
18799	10/30/01	GW07828RG	DIBROMOCHLOROMETHANE	REAL	DL1	2.5	UG/L	U	V1	0.95	2.5	1.01	Plume Degradation
18799	10/30/01	GW07828RG	DIBROMOMETHANE	REAL	DL1	2.5	UG/L	U	V1	1.1	2.5		Plume Degradation
18799	10/30/01	GW07828RG	DICHLORODIFLUOROMETHANE	REAL	DL1	2.5	UG/L	U	V1	0.58	2.5		Plume Degradation
18799	10/30/01	GW07828RG	ETHYLBENZENE	REAL	DL1	2.5	UG/L	U	UJ1	0.7	2.5	700	Plume Degradation
18799	10/30/01	GW07828RG	HEXACHLOROBUTADIENE	REAL	DL1	2.5	UG/L	U	V1	0.72	2.5	1.09	Plume Degradation
18799	10/30/01	GW07828RG	ISOPROPYLBENZENE	REAL	DL1	2.5	UG/L	U	UJ1	0.78	2.5		Plume Degradation
18799	10/30/01	GW07828RG	METHYLENE CHLORIDE	REAL	DL1	2.5	UG/L	U	V1	2.2	2.5	5	Plume Degradation
18799	10/30/01	GW07828RG	NAPHTHALENE	REAL	DL1	2.5	UG/L	U	UJ1	0.38	2.5	1460	Plume Degradation
18799	10/30/01	GW07828RG	n-BUTYLBENZENE	REAL	DL1	2.5	UG/L	U	UJ1	0.65	2.5		Plume Degradation
18799	10/30/01	GW07828RG	n-PROPYLBENZENE	REAL	DL1	2.5	UG/L	U	UJ1	0.58	2.5		Plume Degradation
18799	10/30/01	GW07828RG	o-CHLOROTOLUENE	REAL	DL1	2.5	UG/L	U	UJ1	0.78	2.5		Plume Degradation
18799	10/30/01	GW07828RG	p-CHLOROTOLUENE	REAL	DL1	2.5	UG/L	U	UJ1	0.62	2.5		Plume Degradation
18799	10/30/01	GW07828RG	PROPANE, 1,2-DIBROMO-3-CHLORO-	REAL	DL1	2.5	UG/L	U	V1	0.62	2.5	0.2	Plume Degradation
18799	10/30/01	GW07828RG	sec-BUTYLBENZENE	REAL	DL1	2.5	UG/L	U	UJ1	0.65	2.5		Plume Degradation
18799	10/30/01	GW07828RG	STYRENE	REAL	DL1	2.5	UG/L	U	UJ1	0.68	2.5	100	Plume Degradation
18799	10/30/01	GW07828RG	tert-BUTYLBENZENE	REAL	DL1	2.5	UG/L	U	UJ1	0.72	2.5		Plume Degradation
18799	10/30/01	GW07828RG	TETRACHLOROETHENE	REAL	DL1	12	UG/L		V1	0.9	2.5	5	Plume Degradation
18799	10/30/01	GW07828RG	TOLUENE	REAL	DL1	2.5	UG/L	U	UJ1	0.72	2.5	1000	Plume Degradation
18799	10/30/01	GW07828RG	TOTAL XYLENES	REAL	DL1	2.5	UG/L	U	UJ1	2.4	2.5	10000	Plume Degradation
18799	10/30/01	GW07828RG	trans-1,2-DICHLOROETHENE	REAL	DL1	1.2	UG/L	U	V1	0.68	2.5	70	Plume Degradation
18799	10/30/01	GW07828RG	trans-1,3-DICHLOROPROPENE	REAL	DL1	2.5	UG/L	U	V1	1	2.5	0.473	Plume Degradation
18799	10/30/01	GW07828RG	TRICHLOROETHENE	REAL	DL1	0.58	UG/L	J	V1	0.55	2.5	5	Plume Degradation
18799	10/30/01	GW07828RG	TRICHLOROFLUOROMETHANE	REAL	DL1	2.5	UG/L	U	V1	0.7	2.5		Plume Degradation
18799	10/30/01	GW07828RG	VINYL CHLORIDE	REAL	DL1	2.5	UG/L	U	V1	0.52	2.5	2	Plume Degradation
1886	10/8/01	GW07779RG	1,1,1,2-TETRACHLOROETHANE	REAL	TR1	1	UG/L	U	V1	0.22	1		Plume Extent
1886	10/8/01	GW07779RG	1,1,1-TRICHLOROETHANE	REAL	TR1	1	UG/L	U	V1	0.26	1	200	Plume Extent
1886	10/8/01	GW07779RG	1,1,2,2-TETRACHLOROETHANE	REAL	TR1	1	UG/L	U	V1	0.31	1	0.426	Plume Extent
1886	10/8/01	GW07779RG	1,1,2-TRICHLOROETHANE	REAL	TR1	1	UG/L	U	V1	0.39	1	5	Plume Extent
1886	10/8/01	GW07779RG	1,1,2-TRICHLOROTRIFLUOROETHANE	REAL	TR1	1	UG/L	U	V1	0.21	1		Plume Extent
1886	10/8/01	GW07779RG	1,1-DICHLOROETHANE	REAL	TR1	0.24	UG/L	J	V1	0.17	1	3650	Plume Extent
1886	10/8/01	GW07779RG	1,1-DICHLOROETHENE	REAL	TR1	1	UG/L	U	V1	0.2	1	7	Plume Extent
1886	10/8/01	GW07779RG	1,1-DICHLOROPROPENE	REAL	TR1	1	UG/L	U	V1	0.22	1		Plume Extent
1886	10/8/01	GW07779RG	1,2,3-TRICHLOROBENZENE	REAL	TR1	1	UG/L	U	V1	0.16	1		Plume Extent
1886	10/8/01	GW07779RG	1,2,3-TRICHLOROPROPANE	REAL	TR1	1	UG/L	U	V1	0.29	1		Plume Extent
1886	10/8/01	GW07779RG	1,2,4-TRICHLOROBENZENE	REAL	TR1	1	UG/L	U	V1	0.2	1	70	Plume Extent
1886	10/8/01	GW07779RG	1,2-DIBROMOETHANE	REAL	TR1	1	UG/L	U	V1	0.36	1		Plume Extent
1886	10/8/01	GW07779RG	1,2-DICHLOROBENZENE	REAL	TR1	1	UG/L	U	V1	0.24	1	600	Plume Extent
1886	10/8/01	GW07779RG	1,2-DICHLOROETHANE	REAL	TR1	1	UG/L	U	V1	0.28	1	5	Plume Extent
1886	10/8/01	GW07779RG	1,2-DICHLOROPROPANE	REAL	TR1	1	UG/L	U	V1	0.21	1	5	Plume Extent
1886	10/8/01	GW07779RG	1,3-DICHLOROBENZENE	REAL	TR1	1	UG/L	U	V1	0.26	1	600	Plume Extent
1886	10/8/01	GW07779RG	1,3-DICHLOROPROPANE	REAL	TR1	1	UG/L	U	V1	0.26	1		Plume Extent
1886	10/8/01	GW07779RG	1,4-DICHLOROBENZENE	REAL	TR1	1	UG/L	U	V1	0.24	1	75	Plume Extent
1886	10/8/01	GW07779RG	2,2-DICHLOROPROPANE	REAL	TR1	1	UG/L	U	V1	0.21	1		Plume Extent
1886	10/8/01	GW07779RG	2-BUTANONE	REAL	TR1	5	UG/L	U	V1	0.93	1	21900	Plume Extent
1886	10/8/01	GW07779RG	2-HEXANONE	REAL	TR1	5	UG/L	U	UJ1	0.7	1		Plume Extent
1886	10/8/01	GW07779RG	4-ISOPROPYLTOLUENE	REAL	TR1	1	UG/L	U	V1	0.3	1		Plume Extent
1886	10/8/01	GW07779RG	4-METHYL-2-PENTANONE	REAL	TR1	5	UG/L	U	UJ1	0.79	1	2920	Plume Extent
1886	10/8/01	GW07779RG	ACETONE	REAL	TR1	10	UG/L	U	UJ1	1.9	1	3650	Plume Extent

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Appendix A: Groundwater Analytical Data - Dissolved Gasses and Volatile Organic Compounds Fourth Quarter 2001

Location	Sample Date	Sample #	Analyte	QC Type	Result Type	Result	Units	Lab Qual	Valid-ation	Detect Limit	Dilu-tion	Tier II	IMP Well Class
1986	10/8/01	GW07779RG	BENZENE	REAL	TR1	1	UG/L	U	V1	0.21	1	5	Plume Extent
1986	10/8/01	GW07779RG	BENZENE, 1,2,4-TRIMETHYL	REAL	TR1	1	UG/L	U	V1	0.22	1		Plume Extent
1986	10/8/01	GW07779RG	BENZENE, 1,3,5-TRIMETHYL-	REAL	TR1	1	UG/L	U	V1	0.29	1		Plume Extent
1986	10/8/01	GW07779RG	BROMOBENZENE	REAL	TR1	1	UG/L	U	V1	0.24	1		Plume Extent
1986	10/8/01	GW07779RG	BROMOCHLOROMETHANE	REAL	TR1	1	UG/L	U	V1	0.21	1		Plume Extent
1986	10/8/01	GW07779RG	BROMODICHLOROMETHANE	REAL	TR1	1	UG/L	U	V1	0.22	1	100	Plume Extent
1986	10/8/01	GW07779RG	BROMOFORM	REAL	TR1	1	UG/L	U	V1	0.32	1	100	Plume Extent
1986	10/8/01	GW07779RG	BROMOMETHANE	REAL	TR1	1	UG/L	U	UJ1	0.3	1	51.1	Plume Extent
1986	10/8/01	GW07779RG	CARBON DISULFIDE	REAL	TR1	1	UG/L	U	V1	0.19	1	3650	Plume Extent
1986	10/8/01	GW07779RG	CARBON TETRACHLORIDE	REAL	TR1	1	UG/L	U	V1	0.19	1	5	Plume Extent
1986	10/8/01	GW07779RG	CHLOROBENZENE	REAL	TR1	1	UG/L	U	V1	0.3	1	100	Plume Extent
1986	10/8/01	GW07779RG	CHLOROETHANE	REAL	TR1	1	UG/L	U	V1	0.25	1	29.4	Plume Extent
1986	10/8/01	GW07779RG	CHLOROFORM	REAL	TR1	1	UG/L	U	V1	0.23	1	100	Plume Extent
1986	10/8/01	GW07779RG	CHLOROMETHANE	REAL	TR1	1	UG/L	U	V1	0.3	1	6.55	Plume Extent
1986	10/8/01	GW07779RG	cis-1,2-DICHLOROETHENE	REAL	TR1	1	UG/L	U	V1	0.26	1	70	Plume Extent
1986	10/8/01	GW07779RG	cis-1,3-DICHLOROPROPENE	REAL	TR1	1	UG/L	U	V1	0.28	1	0.473	Plume Extent
1986	10/8/01	GW07779RG	DIBROMOCHLOROMETHANE	REAL	TR1	1	UG/L	U	V1	0.38	1	1.01	Plume Extent
1986	10/8/01	GW07779RG	DIBROMOMETHANE	REAL	TR1	1	UG/L	U	V1	0.44	1		Plume Extent
1986	10/8/01	GW07779RG	DICHLORODIFLUOROMETHANE	REAL	TR1	1	UG/L	U	V1	0.23	1		Plume Extent
1986	10/8/01	GW07779RG	ETHYLBENZENE	REAL	TR1	1	UG/L	U	V1	0.28	1	700	Plume Extent
1986	10/8/01	GW07779RG	HEXACHLOROBUTADIENE	REAL	TR1	1	UG/L	U	V1	0.29	1	1.09	Plume Extent
1986	10/8/01	GW07779RG	ISOPROPYLBENZENE	REAL	TR1	1	UG/L	U	V1	0.31	1		Plume Extent
1986	10/8/01	GW07779RG	METHYLENE CHLORIDE	REAL	TR1	1	UG/L	U	V1	0.89	1	5	Plume Extent
1986	10/8/01	GW07779RG	NAPHTHALENE	REAL	TR1	1	UG/L	U	UJ1	0.15	1	1460	Plume Extent
1986	10/8/01	GW07779RG	n-BUTYLBENZENE	REAL	TR1	1	UG/L	U	V1	0.26	1		Plume Extent
1986	10/8/01	GW07779RG	n-PROPYLBENZENE	REAL	TR1	1	UG/L	U	V1	0.23	1		Plume Extent
1986	10/8/01	GW07779RG	o-CHLOROTOLUENE	REAL	TR1	1	UG/L	U	V1	0.31	1		Plume Extent
1986	10/8/01	GW07779RG	p-CHLOROTOLUENE	REAL	TR1	1	UG/L	U	V1	0.25	1		Plume Extent
1986	10/8/01	GW07779RG	PROPANE, 1,2-DIBROMO-3-CHLORO-	REAL	TR1	1	UG/L	U	V1	0.25	1	0.2	Plume Extent
1986	10/8/01	GW07779RG	sec-BUTYLBENZENE	REAL	TR1	1	UG/L	U	V1	0.26	1		Plume Extent
1986	10/8/01	GW07779RG	STYRENE	REAL	TR1	1	UG/L	U	V1	0.27	1	100	Plume Extent
1986	10/8/01	GW07779RG	tert-BUTYLBENZENE	REAL	TR1	1	UG/L	U	V1	0.29	1		Plume Extent
1986	10/8/01	GW07779RG	TETRACHLOROETHENE	REAL	TR1	1	UG/L	U	V1	0.36	1	5	Plume Extent
1986	10/8/01	GW07779RG	TOLUENE	REAL	TR1	1	UG/L	U	V1	0.29	1	1000	Plume Extent
1986	10/8/01	GW07779RG	TOTAL XYLENES	REAL	TR1	1	UG/L	U	V1	0.95	1	10000	Plume Extent
1986	10/8/01	GW07779RG	trans-1,2-DICHLOROETHENE	REAL	TR1	0.5	UG/L	U	V1	0.27	1	70	Plume Extent
1986	10/8/01	GW07779RG	trans-1,3-DICHLOROPROPENE	REAL	TR1	1	UG/L	U	V1	0.42	1	0.473	Plume Extent
1986	10/8/01	GW07779RG	TRICHLOROETHENE	REAL	TR1	1	UG/L	U	V1	0.22	1	5	Plume Extent
1986	10/8/01	GW07779RG	TRICHLOROFLUOROMETHANE	REAL	TR1	1	UG/L	U	V1	0.28	1		Plume Extent
1986	10/8/01	GW07779RG	VINYL CHLORIDE	REAL	TR1	1	UG/L	U	V1	0.21	1	2	Plume Extent
21098	11/1/01	GW07829RG	1,1,1,2-TETRACHLOROETHANE	REAL	RX1	10	UG/L	U	V1	2.2	10		Plume Degradation
21098	11/1/01	GW07829RG	1,1,1-TRICHLOROETHANE	REAL	RX1	10	UG/L	U	V1	2.6	10	200	Plume Degradation
21098	11/1/01	GW07829RG	1,1,2,2-TETRACHLOROETHANE	REAL	RX1	10	UG/L	U	V1	3.1	10	0.426	Plume Degradation
21098	11/1/01	GW07829RG	1,1,2-TRICHLOROETHANE	REAL	RX1	10	UG/L	U	V1	3.9	10	5	Plume Degradation
21098	11/1/01	GW07829RG	1,1,2-TRICHLOROTRIFLUOROETHANE	REAL	RX1	10	UG/L	U	V1	2.1	10		Plume Degradation
21098	11/1/01	GW07829RG	1,1-DICHLOROETHANE	REAL	RX1	10	UG/L	U	V1	1.7	10	3650	Plume Degradation
21098	11/1/01	GW07829RG	1,1-DICHLOROETHENE	REAL	RX1	10	UG/L	U	V1	2	10	7	Plume Degradation
21098	11/1/01	GW07829RG	1,1-DICHLOROPROPENE	REAL	RX1	10	UG/L	U	V1	2.2	10		Plume Degradation
21098	11/1/01	GW07829RG	1,2,3-TRICHLOROBENZENE	REAL	RX1	10	UG/L	U	UJ1	1.6	10		Plume Degradation
21098	11/1/01	GW07829RG	1,2,3-TRICHLOROPROPANE	REAL	RX1	10	UG/L	U	V1	2.9	10		Plume Degradation
21098	11/1/01	GW07829RG	1,2,4-TRICHLOROBENZENE	REAL	RX1	10	UG/L	U	UJ1	2	10	70	Plume Degradation
21098	11/1/01	GW07829RG	1,2-DIBROMOETHANE	REAL	RX1	10	UG/L	U	V1	3.6	10		Plume Degradation
21098	11/1/01	GW07829RG	1,2-DICHLOROBENZENE	REAL	RX1	10	UG/L	U	UJ1	2.4	10	600	Plume Degradation
21098	11/1/01	GW07829RG	1,2-DICHLOROETHANE	REAL	RX1	10	UG/L	U	V1	2.8	10	5	Plume Degradation
21098	11/1/01	GW07829RG	1,2-DICHLOROPROPANE	REAL	RX1	10	UG/L	U	V1	2.1	10	5	Plume Degradation
21098	11/1/01	GW07829RG	1,3-DICHLOROBENZENE	REAL	RX1	10	UG/L	U	UJ1	2.6	10	600	Plume Degradation

(TIC) = Tentatively Identified Compound

**Appendix A: Groundwater Analytical Data - Dissolved Gasses and Volatile Organic Compounds Fourth Quarter 2001**

Location	Sample Date	Sample #	Analyte	QC Type	Result Type	Result	Units	Lab Qual	Valid-ation	Detect Limit	Dilu-tion	Tier II	IMP Well Class
21098	11/1/01	GW07829RG	1,3-DICHLOROPROPANE	REAL	RX1	10	UG/L	U	V1	2.6	10		Plume Degradation
21098	11/1/01	GW07829RG	1,4-DICHLOROBENZENE	REAL	RX1	10	UG/L	U	UJ1	2.4	10	75	Plume Degradation
21098	11/1/01	GW07829RG	2,2-DICHLOROPROPANE	REAL	RX1	10	UG/L	U	V1	2.1	10		Plume Degradation
21098	11/1/01	GW07829RG	2-BUTANONE	REAL	RX1	50	UG/L	U	V1	9.3	10	21900	Plume Degradation
21098	11/1/01	GW07829RG	2-HEXANONE	REAL	RX1	50	UG/L	U	V1	7	10		Plume Degradation
21098	11/1/01	GW07829RG	4-ISOPROPYLTOLUENE	REAL	RX1	10	UG/L	U	UJ1	3	10		Plume Degradation
21098	11/1/01	GW07829RG	4-METHYL-2-PENTANONE	REAL	RX1	50	UG/L	U	V1	7.9	10	2920	Plume Degradation
21098	11/1/01	GW07829RG	ACETONE	REAL	RX1	100	UG/L	U	V1	19	10	3650	Plume Degradation
21098	11/1/01	GW07829RG	BENZENE	REAL	RX1	10	UG/L	U	UJ1	2.1	10	5	Plume Degradation
21098	11/1/01	GW07829RG	BENZENE, 1,2,4-TRIMETHYL	REAL	RX1	10	UG/L	U	UJ1	2.2	10		Plume Degradation
21098	11/1/01	GW07829RG	BENZENE, 1,3,5-TRIMETHYL-	REAL	RX1	10	UG/L	U	UJ1	2.9	10		Plume Degradation
21098	11/1/01	GW07829RG	BROMOBENZENE	REAL	RX1	10	UG/L	U	UJ1	2.4	10		Plume Degradation
21098	11/1/01	GW07829RG	BROMOCHLOROMETHANE	REAL	RX1	10	UG/L	U	V1	2.1	10		Plume Degradation
21098	11/1/01	GW07829RG	BROMODICHLOROMETHANE	REAL	RX1	10	UG/L	U	V1	2.2	10	100	Plume Degradation
21098	11/1/01	GW07829RG	BROMOFORM	REAL	RX1	10	UG/L	U	V1	3.2	10	100	Plume Degradation
21098	11/1/01	GW07829RG	BROMOMETHANE	REAL	RX1	10	UG/L	U	V1	3	10	51.1	Plume Degradation
21098	11/1/01	GW07829RG	CARBON DISULFIDE	REAL	RX1	10	UG/L	U	V1	1.9	10	3650	Plume Degradation
21098	11/1/01	GW07829RG	CARBON TETRACHLORIDE	REAL	DL1	4300	UG/L		V1	19	100	5	Plume Degradation
21098	11/1/01	GW07829RG	CHLOROBENZENE	REAL	RX1	10	UG/L	U	UJ1	3	10	100	Plume Degradation
21098	11/1/01	GW07829RG	CHLOROETHANE	REAL	RX1	10	UG/L	U	V1	2.5	10	29.4	Plume Degradation
21098	11/1/01	GW07829RG	CHLOROFORM	REAL	DL1	230	UG/L		V1	23	100	100	Plume Degradation
21098	11/1/01	GW07829RG	CHLOROMETHANE	REAL	RX1	10	UG/L	U	V1	3	10	6.55	Plume Degradation
21098	11/1/01	GW07829RG	cis-1,2-DICHLOROETHENE	REAL	RX1	10	UG/L	U	V1	2.6	10	70	Plume Degradation
21098	11/1/01	GW07829RG	cis-1,3-DICHLOROPROPENE	REAL	RX1	10	UG/L	U	V1	2.8	10	0.473	Plume Degradation
21098	11/1/01	GW07829RG	DIBROMOCHLOROMETHANE	REAL	RX1	10	UG/L	U	V1	3.8	10	1.01	Plume Degradation
21098	11/1/01	GW07829RG	DIBROMOMETHANE	REAL	RX1	10	UG/L	U	V1	4.4	10		Plume Degradation
21098	11/1/01	GW07829RG	DICHLORODIFLUOROMETHANE	REAL	RX1	10	UG/L	U	V1	2.3	10		Plume Degradation
21098	11/1/01	GW07829RG	ETHYLBENZENE	REAL	RX1	10	UG/L	U	UJ1	2.8	10	700	Plume Degradation
21098	11/1/01	GW07829RG	HEXACHLOROBUTADIENE	REAL	RX1	10	UG/L	U	UJ1	2.9	10	1.09	Plume Degradation
21098	11/1/01	GW07829RG	ISOPROPYLBENZENE	REAL	RX1	10	UG/L	U	UJ1	3.1	10		Plume Degradation
21098	11/1/01	GW07829RG	METHYLENE CHLORIDE	REAL	RX1	10	UG/L	U	V1	8.9	10	5	Plume Degradation
21098	11/1/01	GW07829RG	NAPHTHALENE	REAL	RX1	10	UG/L	U	UJ1	1.5	10	1460	Plume Degradation
21098	11/1/01	GW07829RG	n-BUTYLBENZENE	REAL	RX1	10	UG/L	U	UJ1	2.6	10		Plume Degradation
21098	11/1/01	GW07829RG	n-PROPYLBENZENE	REAL	RX1	10	UG/L	U	UJ1	2.3	10		Plume Degradation
21098	11/1/01	GW07829RG	o-CHLOROTOLUENE	REAL	RX1	10	UG/L	U	UJ1	3.1	10		Plume Degradation
21098	11/1/01	GW07829RG	p-CHLOROTOLUENE	REAL	RX1	10	UG/L	U	UJ1	2.5	10		Plume Degradation
21098	11/1/01	GW07829RG	PROPANE, 1,2-DIBROMO-3-CHLORO-	REAL	RX1	10	UG/L	U	V1	2.5	10	0.2	Plume Degradation
21098	11/1/01	GW07829RG	sec-BUTYLBENZENE	REAL	RX1	10	UG/L	U	UJ1	2.6	10		Plume Degradation
21098	11/1/01	GW07829RG	STYRENE	REAL	RX1	10	UG/L	U	UJ1	2.7	10	100	Plume Degradation
21098	11/1/01	GW07829RG	tert-BUTYLBENZENE	REAL	RX1	10	UG/L	U	UJ1	2.9	10		Plume Degradation
21098	11/1/01	GW07829RG	TETRACHLOROETHENE	REAL	RX1	5	UG/L	J	V1	3.6	10	5	Plume Degradation
21098	11/1/01	GW07829RG	TOLUENE	REAL	RX1	10	UG/L	U	UJ1	2.9	10	1000	Plume Degradation
21098	11/1/01	GW07829RG	TOTAL XYLENES	REAL	RX1	10	UG/L	U	UJ1	9.5	10	10000	Plume Degradation
21098	11/1/01	GW07829RG	trans-1,2-DICHLOROETHENE	REAL	RX1	5	UG/L	U	V1	2.7	10	70	Plume Degradation
21098	11/1/01	GW07829RG	trans-1,3-DICHLOROPROPENE	REAL	RX1	10	UG/L	U	V1	4.2	10	0.473	Plume Degradation
21098	11/1/01	GW07829RG	TRICHLOROETHENE	REAL	RX1	10	UG/L	U	V1	2.2	10	5	Plume Degradation
21098	11/1/01	GW07829RG	TRICHLOROFLUOROMETHANE	REAL	RX1	10	UG/L	U	V1	2.8	10		Plume Degradation
21098	11/1/01	GW07829RG	VINYL CHLORIDE	REAL	RX1	10	UG/L	U	V1	2.1	10	2	Plume Degradation
2186	11/13/01	GW07780RG	1,1,1,2-TETRACHLOROETHANE	REAL	TR1	1	UG/L	U	V1	0.22	1		Plume Extent
2186	11/13/01	GW07780RG	1,1,1-TRICHLOROETHANE	REAL	TR1	1	UG/L	U	V1	0.26	1	200	Plume Extent
2186	11/13/01	GW07780RG	1,1,2,2-TETRACHLOROETHANE	REAL	TR1	1	UG/L	U	V1	0.31	1	0.426	Plume Extent
2186	11/13/01	GW07780RG	1,1,2-TRICHLOROETHANE	REAL	TR1	1	UG/L	U	V1	0.39	1	5	Plume Extent
2186	11/13/01	GW07780RG	1,1,2-TRICHLOROTRIFLUOROETHANE	REAL	TR1	1	UG/L	U	V1	0.21	1		Plume Extent
2186	11/13/01	GW07780RG	1,1-DICHLOROETHANE	REAL	TR1	1	UG/L	U	V1	0.17	1	3650	Plume Extent
2186	11/13/01	GW07780RG	1,1-DICHLOROETHENE	REAL	TR1	1	UG/L	U	V1	0.2	1	7	Plume Extent
2186	11/13/01	GW07780RG	1,1-DICHLOROPROPENE	REAL	TR1	1	UG/L	U	V1	0.22	1		Plume Extent

(TIC) = Tentatively Identified Compound

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Appendix A: Groundwater Analytical Data - Dissolved Gasses and Volatile Organic Compounds Fourth Quarter 2001

Location	Sample Date	Sample #	Analyte	QC Type	Result Type	Result	Units	Lab Qual	Valid-ation	Detect Limit	Dilu-tion	Tier II	IMP Well Class
2186	11/13/01	GW07780RG	1,2,3-TRICHLOROBENZENE	REAL	TR1	1	UG/L	U	UJ1	0.16	1		Plume Extent
2186	11/13/01	GW07780RG	1,2,3-TRICHLOROPROPANE	REAL	TR1	1	UG/L	U	V1	0.29	1		Plume Extent
2186	11/13/01	GW07780RG	1,2,4-TRICHLOROBENZENE	REAL	TR1	1	UG/L	U	UJ1	0.2	1	70	Plume Extent
2186	11/13/01	GW07780RG	1,2-DIBROMOETHANE	REAL	TR1	1	UG/L	U	V1	0.36	1		Plume Extent
2186	11/13/01	GW07780RG	1,2-DICHLOROBENZENE	REAL	TR1	1	UG/L	U	V1	0.24	1	600	Plume Extent
2186	11/13/01	GW07780RG	1,2-DICHLOROETHANE	REAL	TR1	1	UG/L	U	V1	0.28	1	5	Plume Extent
2186	11/13/01	GW07780RG	1,2-DICHLOROPROPANE	REAL	TR1	1	UG/L	U	V1	0.21	1	5	Plume Extent
2186	11/13/01	GW07780RG	1,3-DICHLOROBENZENE	REAL	TR1	1	UG/L	U	V1	0.26	1	600	Plume Extent
2186	11/13/01	GW07780RG	1,3-DICHLOROPROPANE	REAL	TR1	1	UG/L	U	V1	0.26	1		Plume Extent
2186	11/13/01	GW07780RG	1,4-DICHLOROBENZENE	REAL	TR1	1	UG/L	U	V1	0.24	1	75	Plume Extent
2186	11/13/01	GW07780RG	2,2-DICHLOROPROPANE	REAL	TR1	1	UG/L	U	V1	0.21	1		Plume Extent
2186	11/13/01	GW07780RG	2-BUTANONE	REAL	TR1	5	UG/L	U	V1	0.93	1	21900	Plume Extent
2186	11/13/01	GW07780RG	2-HEXANONE	REAL	TR1	5	UG/L	U	V1	0.7	1		Plume Extent
2186	11/13/01	GW07780RG	4-ISOPROPYLTOLUENE	REAL	TR1	1	UG/L	U	V1	0.3	1		Plume Extent
2186	11/13/01	GW07780RG	4-METHYL-2-PENTANONE	REAL	TR1	5	UG/L	U	V1	0.79	1	2920	Plume Extent
2186	11/13/01	GW07780RG	ACETONE	REAL	TR1	10	UG/L	U	V1	1.9	1	3650	Plume Extent
2186	11/13/01	GW07780RG	BENZENE	REAL	TR1	1	UG/L	U	V1	0.21	1	5	Plume Extent
2186	11/13/01	GW07780RG	BENZENE, 1,2,4-TRIMETHYL	REAL	TR1	1	UG/L	U	V1	0.22	1		Plume Extent
2186	11/13/01	GW07780RG	BENZENE, 1,3,5-TRIMETHYL-	REAL	TR1	1	UG/L	U	V1	0.29	1		Plume Extent
2186	11/13/01	GW07780RG	BROMOBENZENE	REAL	TR1	1	UG/L	U	V1	0.24	1		Plume Extent
2186	11/13/01	GW07780RG	BROMOCHLOROMETHANE	REAL	TR1	1	UG/L	U	V1	0.21	1		Plume Extent
2186	11/13/01	GW07780RG	BROMODICHLOROMETHANE	REAL	TR1	1	UG/L	U	V1	0.22	1	100	Plume Extent
2186	11/13/01	GW07780RG	BROMOFORM	REAL	TR1	1	UG/L	U	V1	0.32	1	100	Plume Extent
2186	11/13/01	GW07780RG	BROMOMETHANE	REAL	TR1	1	UG/L	U	V1	0.3	1	51.1	Plume Extent
2186	11/13/01	GW07780RG	CARBON DISULFIDE	REAL	TR1	1	UG/L	U	V1	0.19	1	3650	Plume Extent
2186	11/13/01	GW07780RG	CARBON TETRACHLORIDE	REAL	TR1	1	UG/L	U	V1	0.19	1	5	Plume Extent
2186	11/13/01	GW07780RG	CHLOROBENZENE	REAL	TR1	1	UG/L	U	V1	0.3	1	100	Plume Extent
2186	11/13/01	GW07780RG	CHLOROETHANE	REAL	TR1	1	UG/L	U	V1	0.25	1	29.4	Plume Extent
2186	11/13/01	GW07780RG	CHLOROFORM	REAL	TR1	1	UG/L	U	V1	0.23	1	100	Plume Extent
2186	11/13/01	GW07780RG	CHLOROMETHANE	REAL	TR1	1	UG/L	U	V1	0.3	1	6.55	Plume Extent
2186	11/13/01	GW07780RG	cis-1,2-DICHLOROETHENE	REAL	TR1	1	UG/L	U	V1	0.26	1	70	Plume Extent
2186	11/13/01	GW07780RG	cis-1,3-DICHLOROPROPENE	REAL	TR1	1	UG/L	U	V1	0.28	1	0.473	Plume Extent
2186	11/13/01	GW07780RG	DIBROMOCHLOROMETHANE	REAL	TR1	1	UG/L	U	V1	0.38	1	1.01	Plume Extent
2186	11/13/01	GW07780RG	DIBROMOMETHANE	REAL	TR1	1	UG/L	U	V1	0.44	1		Plume Extent
2186	11/13/01	GW07780RG	DICHLORODIFLUOROMETHANE	REAL	TR1	1	UG/L	U	UJ1	0.23	1		Plume Extent
2186	11/13/01	GW07780RG	ETHYLBENZENE	REAL	TR1	1	UG/L	U	V1	0.28	1	700	Plume Extent
2186	11/13/01	GW07780RG	HEXACHLOROBUTADIENE	REAL	TR1	1	UG/L	U	V1	0.29	1	1.09	Plume Extent
2186	11/13/01	GW07780RG	ISOPROPYLBENZENE	REAL	TR1	1	UG/L	U	V1	0.31	1		Plume Extent
2186	11/13/01	GW07780RG	METHYLENE CHLORIDE	REAL	TR1	1	UG/L	U	V1	0.89	1	5	Plume Extent
2186	11/13/01	GW07780RG	NAPHTHALENE	REAL	TR1	1	UG/L	U	UJ1	0.15	1	1460	Plume Extent
2186	11/13/01	GW07780RG	n-BUTYLBENZENE	REAL	TR1	1	UG/L	U	V1	0.26	1		Plume Extent
2186	11/13/01	GW07780RG	n-PROPYLBENZENE	REAL	TR1	1	UG/L	U	V1	0.23	1		Plume Extent
2186	11/13/01	GW07780RG	o-CHLOROTOLUENE	REAL	TR1	1	UG/L	U	V1	0.31	1		Plume Extent
2186	11/13/01	GW07780RG	p-CHLOROTOLUENE	REAL	TR1	1	UG/L	U	V1	0.25	1		Plume Extent
2186	11/13/01	GW07780RG	PROPANE, 1,2-DIBROMO-3-CHLORO-	REAL	TR1	1	UG/L	U	V1	0.25	1	0.2	Plume Extent
2186	11/13/01	GW07780RG	sec-BUTYLBENZENE	REAL	TR1	1	UG/L	U	V1	0.26	1		Plume Extent
2186	11/13/01	GW07780RG	STYRENE	REAL	TR1	1	UG/L	U	V1	0.27	1	100	Plume Extent
2186	11/13/01	GW07780RG	tert-BUTYLBENZENE	REAL	TR1	1	UG/L	U	V1	0.29	1		Plume Extent
2186	11/13/01	GW07780RG	TETRACHLOROETHENE	REAL	TR1	1	UG/L	U	V1	0.36	1	5	Plume Extent
2186	11/13/01	GW07780RG	TOLUENE	REAL	TR1	1	UG/L	U	V1	0.29	1	1000	Plume Extent
2186	11/13/01	GW07780RG	TOTAL XYLENES	REAL	TR1	1	UG/L	U	V1	0.95	1	10000	Plume Extent
2186	11/13/01	GW07780RG	trans-1,2-DICHLOROETHENE	REAL	TR1	0.5	UG/L	U	V1	0.27	1	70	Plume Extent
2186	11/13/01	GW07780RG	trans-1,3-DICHLOROPROPENE	REAL	TR1	1	UG/L	U	V1	0.42	1	0.473	Plume Extent
2186	11/13/01	GW07780RG	TRICHLOROETHENE	REAL	TR1	1	UG/L	U	V1	0.22	1	5	Plume Extent
2186	11/13/01	GW07780RG	TRICHLOROFLUOROMETHANE	REAL	TR1	1	UG/L	U	V1	0.28	1		Plume Extent
2186	11/13/01	GW07780RG	VINYL CHLORIDE	REAL	TR1	1	UG/L	U	V1	0.21	1	2	Plume Extent

Appendix A: Groundwater Analytical Data - Dissolved Gasses and Volatile Organic Compounds Fourth Quarter 2001

Location	Sample Date	Sample #	Analyte	QC Type	Result Type	Result	Units	Lab Qual	Valid-ation	Detect Limit	Dilu-tion	Tier II	IMP Well Class
22796	10/9/01	GW07787RG	1,1,1,2-TETRACHLOROETHANE	REAL	TR1	1	UG/L	U	V1	0.22	1		Plume Extent
22796	10/9/01	GW07787RG	1,1,1-TRICHLOROETHANE	REAL	TR1	1	UG/L	U	V1	0.26	1	200	Plume Extent
22796	10/9/01	GW07787RG	1,1,2,2-TETRACHLOROETHANE	REAL	TR1	1	UG/L	U	V1	0.31	1	0.426	Plume Extent
22796	10/9/01	GW07787RG	1,1,2-TRICHLOROETHANE	REAL	TR1	1	UG/L	U	V1	0.39	1	5	Plume Extent
22796	10/9/01	GW07787RG	1,1,2-TRICHLOROTRIFLUOROETHANE	REAL	TR1	19	UG/L		V1	0.21	1		Plume Extent
22796	10/9/01	GW07787RG	1,1-DICHLOROETHANE	REAL	TR1	1.3	UG/L		V1	0.17	1	3650	Plume Extent
22796	10/9/01	GW07787RG	1,1-DICHLOROETHENE	REAL	DL1	0.94	UG/L	J	1	0.4	2	7	Plume Extent
22796	10/9/01	GW07787RG	1,1-DICHLOROETHENE	REAL	TR1	0.76	UG/L	J	V1	0.2	1	7	Plume Extent
22796	10/9/01	GW07787RG	1,1-DICHLOROPROPENE	REAL	TR1	1	UG/L	U	V1	0.22	1		Plume Extent
22796	10/9/01	GW07787RG	1,2,3-TRICHLOROBENZENE	REAL	TR1	1	UG/L	U	V1	0.16	1		Plume Extent
22796	10/9/01	GW07787RG	1,2,3-TRICHLOROPROPANE	REAL	TR1	1	UG/L	U	V1	0.29	1		Plume Extent
22796	10/9/01	GW07787RG	1,2,4-TRICHLOROBENZENE	REAL	TR1	1	UG/L	U	V1	0.2	1	70	Plume Extent
22796	10/9/01	GW07787RG	1,2-DIBROMOETHANE	REAL	TR1	1	UG/L	U	V1	0.36	1		Plume Extent
22796	10/9/01	GW07787RG	1,2-DICHLOROBENZENE	REAL	TR1	1	UG/L	U	V1	0.24	1	600	Plume Extent
22796	10/9/01	GW07787RG	1,2-DICHLOROETHANE	REAL	TR1	1	UG/L	U	V1	0.28	1	5	Plume Extent
22796	10/9/01	GW07787RG	1,2-DICHLOROPROPANE	REAL	TR1	1	UG/L	U	V1	0.21	1	5	Plume Extent
22796	10/9/01	GW07787RG	1,3-DICHLOROBENZENE	REAL	TR1	1	UG/L	U	V1	0.26	1	600	Plume Extent
22796	10/9/01	GW07787RG	1,3-DICHLOROPROPANE	REAL	TR1	1	UG/L	U	V1	0.26	1		Plume Extent
22796	10/9/01	GW07787RG	1,4-DICHLOROBENZENE	REAL	TR1	1	UG/L	U	V1	0.24	1	75	Plume Extent
22796	10/9/01	GW07787RG	2,2-DICHLOROPROPANE	REAL	TR1	1	UG/L	U	V1	0.21	1		Plume Extent
22796	10/9/01	GW07787RG	2-BUTANONE	REAL	TR1	5	UG/L	U	V1	0.93	1	21900	Plume Extent
22796	10/9/01	GW07787RG	2-HEXANONE	REAL	TR1	5	UG/L	U	UJ1	0.7	1		Plume Extent
22796	10/9/01	GW07787RG	4-ISOPROPYLTOLUENE	REAL	TR1	1	UG/L	U	V1	0.3	1		Plume Extent
22796	10/9/01	GW07787RG	4-METHYL-2-PENTANONE	REAL	TR1	5	UG/L	U	UJ1	0.79	1	2920	Plume Extent
22796	10/9/01	GW07787RG	ACETONE	REAL	TR1	4.3	UG/L	J	J1	1.9	1	3650	Plume Extent
22796	10/9/01	GW07787RG	BENZENE	REAL	DL1	2	UG/L	U	1	0.42	2	5	Plume Extent
22796	10/9/01	GW07787RG	BENZENE	REAL	TR1	1	UG/L	U	V1	0.21	1	5	Plume Extent
22796	10/9/01	GW07787RG	BENZENE, 1,2,4-TRIMETHYL	REAL	TR1	1	UG/L	U	V1	0.22	1		Plume Extent
22796	10/9/01	GW07787RG	BENZENE, 1,3,5-TRIMETHYL-	REAL	TR1	1	UG/L	U	V1	0.29	1		Plume Extent
22796	10/9/01	GW07787RG	BROMOBENZENE	REAL	TR1	1	UG/L	U	V1	0.24	1		Plume Extent
22796	10/9/01	GW07787RG	BROMOCHLOROMETHANE	REAL	TR1	1	UG/L	U	V1	0.21	1		Plume Extent
22796	10/9/01	GW07787RG	BROMODICHLOROMETHANE	REAL	TR1	1	UG/L	U	V1	0.22	1	100	Plume Extent
22796	10/9/01	GW07787RG	BROMOFORM	REAL	TR1	1	UG/L	U	V1	0.32	1	100	Plume Extent
22796	10/9/01	GW07787RG	BROMOMETHANE	REAL	TR1	1	UG/L	U	UJ1	0.3	1	51.1	Plume Extent
22796	10/9/01	GW07787RG	CARBON DISULFIDE	REAL	TR1	1	UG/L	U	V1	0.19	1	3650	Plume Extent
22796	10/9/01	GW07787RG	CARBON TETRACHLORIDE	REAL	TR1	1	UG/L	U	V1	0.19	1	5	Plume Extent
22796	10/9/01	GW07787RG	CHLOROBENZENE	REAL	DL1	2	UG/L	U	1	0.6	2	100	Plume Extent
22796	10/9/01	GW07787RG	CHLOROBENZENE	REAL	TR1	1	UG/L	U	V1	0.3	1	100	Plume Extent
22796	10/9/01	GW07787RG	CHLOROETHANE	REAL	TR1	1	UG/L	U	V1	0.25	1	29.4	Plume Extent
22796	10/9/01	GW07787RG	CHLOROFORM	REAL	TR1	1.2	UG/L		V1	0.23	1	100	Plume Extent
22796	10/9/01	GW07787RG	CHLOROMETHANE	REAL	TR1	1	UG/L	U	V1	0.3	1	6.55	Plume Extent
22796	10/9/01	GW07787RG	cis-1,2-DICHLOROETHENE	REAL	TR1	13	UG/L		V1	0.26	1	70	Plume Extent
22796	10/9/01	GW07787RG	cis-1,3-DICHLOROPROPENE	REAL	TR1	1	UG/L	U	V1	0.28	1	0.473	Plume Extent
22796	10/9/01	GW07787RG	DIBROMOCHLOROMETHANE	REAL	TR1	1	UG/L	U	V1	0.38	1	1.01	Plume Extent
22796	10/9/01	GW07787RG	DIBROMOMETHANE	REAL	TR1	1	UG/L	U	V1	0.44	1		Plume Extent
22796	10/9/01	GW07787RG	DICHLORODIFLUOROMETHANE	REAL	TR1	1	UG/L	U	V1	0.23	1		Plume Extent
22796	10/9/01	GW07787RG	ETHYLBENZENE	REAL	TR1	1	UG/L	U	V1	0.28	1	700	Plume Extent
22796	10/9/01	GW07787RG	HEXACHLOROBUTADIENE	REAL	TR1	1	UG/L	U	V1	0.29	1	1.09	Plume Extent
22796	10/9/01	GW07787RG	ISOPROPYLBENZENE	REAL	TR1	1	UG/L	U	V1	0.31	1		Plume Extent
22796	10/9/01	GW07787RG	METHYLENE CHLORIDE	REAL	TR1	1	UG/L	U	V1	0.89	1	5	Plume Extent
22796	10/9/01	GW07787RG	NAPHTHALENE	REAL	TR1	1	UG/L	U	UJ1	0.15	1	1460	Plume Extent
22796	10/9/01	GW07787RG	n-BUTYLBENZENE	REAL	TR1	1	UG/L	U	V1	0.26	1		Plume Extent
22796	10/9/01	GW07787RG	n-PROPYLBENZENE	REAL	TR1	1	UG/L	U	V1	0.23	1		Plume Extent
22796	10/9/01	GW07787RG	o-CHLOROTOLUENE	REAL	TR1	1	UG/L	U	V1	0.31	1		Plume Extent
22796	10/9/01	GW07787RG	p-CHLOROTOLUENE	REAL	TR1	1	UG/L	U	V1	0.25	1		Plume Extent
22796	10/9/01	GW07787RG	PROPANE, 1,2-DIBROMO-3-CHLORO-	REAL	TR1	1	UG/L	U	V1	0.25	1	0.2	Plume Extent



Appendix A: Groundwater Analytical Data - Dissolved Gasses and Volatile Organic Compounds Fourth Quarter 2001

Location	Sample Date	Sample #	Analyte	QC Type	Result Type	Result	Units	Lab Qual	Valid-ation	Detect Limit	Dilu-tion	Tier II	IMP Well Class
	22796	10/9/01	GW07787RG	sec-BUTYLBENZENE	REAL	TR1	1 UG/L	U	V1	0.26	1		Plume Extent
	22796	10/9/01	GW07787RG	STYRENE	REAL	TR1	1 UG/L	U	V1	0.27	1	100	Plume Extent
	22796	10/9/01	GW07787RG	tert-BUTYLBENZENE	REAL	TR1	1 UG/L	U	V1	0.29	1		Plume Extent
	22796	10/9/01	GW07787RG	TETRACHLOROETHENE	REAL	TR1	1 UG/L	U	V1	0.36	1	5	Plume Extent
	22796	10/9/01	GW07787RG	TOLUENE	REAL	DL1	2 UG/L	U	1	0.58	2	1000	Plume Extent
	22796	10/9/01	GW07787RG	TOLUENE	REAL	TR1	1 UG/L	U	V1	0.29	1	1000	Plume Extent
	22796	10/9/01	GW07787RG	TOTAL XYLENES	REAL	TR1	1 UG/L	U	V1	0.95	1	10000	Plume Extent
	22796	10/9/01	GW07787RG	trans-1,2-DICHLOROETHENE	REAL	TR1	0.5 UG/L	U	V1	0.27	1	70	Plume Extent
	22796	10/9/01	GW07787RG	trans-1,3-DICHLOROPROPENE	REAL	TR1	1 UG/L	U	V1	0.42	1	0.473	Plume Extent
	22796	10/9/01	GW07787RG	TRICHLOROETHENE	REAL	DL1	23 UG/L		V1	0.44	2	5	Plume Extent
	22796	10/9/01	GW07787RG	TRICHLOROFLUOROMETHANE	REAL	TR1	1 UG/L	U	V1	0.28	1		Plume Extent
	22796	10/9/01	GW07787RG	VINYL CHLORIDE	REAL	TR1	1 UG/L	U	V1	0.21	1	2	Plume Extent
	23296	10/23/01	GW07809RG	1,1,1,2-TETRACHLOROETHANE	REAL	TR1	1 UG/L	U	V1	0.22	1		Plume Extent
	23296	10/23/01	GW07809RG	1,1,1-TRICHLOROETHANE	REAL	TR1	0.45 UG/L	J	V1	0.26	1	200	Plume Extent
	23296	10/23/01	GW07809RG	1,1,2,2-TETRACHLOROETHANE	REAL	TR1	1 UG/L	U	V1	0.31	1	0.426	Plume Extent
	23296	10/23/01	GW07809RG	1,1,2-TRICHLOROETHANE	REAL	TR1	1 UG/L	U	V1	0.39	1	5	Plume Extent
	23296	10/23/01	GW07809RG	1,1,2-TRICHLOROTRIFLUOROETHANE	REAL	TR1	1 UG/L	U	V1	0.21	1		Plume Extent
	23296	10/23/01	GW07809RG	1,1-DICHLOROETHANE	REAL	TR1	0.56 UG/L	J	V1	0.17	1	3650	Plume Extent
	23296	10/23/01	GW07809RG	1,1-DICHLOROETHENE	REAL	TR1	0.44 UG/L	J	V1	0.2	1	7	Plume Extent
	23296	10/23/01	GW07809RG	1,1-DICHLOROPROPENE	REAL	TR1	1 UG/L	U	V1	0.22	1		Plume Extent
	23296	10/23/01	GW07809RG	1,2,3-TRICHLOROBENZENE	REAL	TR1	1 UG/L	U	UJ1	0.16	1		Plume Extent
	23296	10/23/01	GW07809RG	1,2,3-TRICHLOROPROPANE	REAL	TR1	1 UG/L	U	V1	0.29	1		Plume Extent
	23296	10/23/01	GW07809RG	1,2,4-TRICHLOROBENZENE	REAL	TR1	1 UG/L	U	UJ1	0.2	1	70	Plume Extent
	23296	10/23/01	GW07809RG	1,2-DIBROMOETHANE	REAL	TR1	1 UG/L	U	V1	0.36	1		Plume Extent
	23296	10/23/01	GW07809RG	1,2-DICHLOROBENZENE	REAL	TR1	1 UG/L	U	UJ1	0.24	1	600	Plume Extent
	23296	10/23/01	GW07809RG	1,2-DICHLOROETHANE	REAL	TR1	1 UG/L	U	V1	0.28	1	5	Plume Extent
	23296	10/23/01	GW07809RG	1,2-DICHLOROPROPANE	REAL	TR1	1 UG/L	U	V1	0.21	1	5	Plume Extent
	23296	10/23/01	GW07809RG	1,3-DICHLOROBENZENE	REAL	TR1	1 UG/L	U	UJ1	0.26	1	600	Plume Extent
	23296	10/23/01	GW07809RG	1,3-DICHLOROPROPANE	REAL	TR1	1 UG/L	U	V1	0.26	1		Plume Extent
	23296	10/23/01	GW07809RG	1,4-DICHLOROBENZENE	REAL	TR1	1 UG/L	U	UJ1	0.24	1	75	Plume Extent
	23296	10/23/01	GW07809RG	2,2-DICHLOROPROPANE	REAL	TR1	1 UG/L	U	V1	0.21	1		Plume Extent
	23296	10/23/01	GW07809RG	2-BUTANONE	REAL	TR1	5 UG/L	U	UJ1	0.93	1	21900	Plume Extent
	23296	10/23/01	GW07809RG	2-HEXANONE	REAL	TR1	5 UG/L	U	UJ1	0.7	1		Plume Extent
	23296	10/23/01	GW07809RG	4-ISOPROPYLTOLUENE	REAL	TR1	1 UG/L	U	UJ1	0.3	1		Plume Extent
	23296	10/23/01	GW07809RG	4-METHYL-2-PENTANONE	REAL	TR1	5 UG/L	U	V1	0.79	1	2920	Plume Extent
	23296	10/23/01	GW07809RG	ACETONE	REAL	TR1	10 UG/L	U	UJ1	1.9	1	3650	Plume Extent
	23296	10/23/01	GW07809RG	BENZENE	REAL	TR1	1 UG/L	U	UJ1	0.21	1	5	Plume Extent
	23296	10/23/01	GW07809RG	BENZENE, 1,2,4-TRIMETHYL	REAL	TR1	1 UG/L	U	UJ1	0.22	1		Plume Extent
	23296	10/23/01	GW07809RG	BENZENE, 1,3,5-TRIMETHYL-	REAL	TR1	1 UG/L	U	UJ1	0.29	1		Plume Extent
	23296	10/23/01	GW07809RG	BROMOBENZENE	REAL	TR1	1 UG/L	U	UJ1	0.24	1		Plume Extent
	23296	10/23/01	GW07809RG	BROMOCHLOROMETHANE	REAL	TR1	1 UG/L	U	V1	0.21	1		Plume Extent
	23296	10/23/01	GW07809RG	BROMODICHLOROMETHANE	REAL	TR1	1 UG/L	U	V1	0.22	1	100	Plume Extent
	23296	10/23/01	GW07809RG	BROMOFORM	REAL	TR1	1 UG/L	U	V1	0.32	1	100	Plume Extent
	23296	10/23/01	GW07809RG	BROMOMETHANE	REAL	TR1	1 UG/L	U	UJ1	0.3	1	51.1	Plume Extent
	23296	10/23/01	GW07809RG	CARBON DISULFIDE	REAL	TR1	1 UG/L	U	V1	0.19	1	3650	Plume Extent
	23296	10/23/01	GW07809RG	CARBON TETRACHLORIDE	REAL	TR1	10 UG/L		V1	0.19	1	5	Plume Extent
	23296	10/23/01	GW07809RG	CHLOROETHANE	REAL	TR1	1 UG/L	U	UJ1	0.3	1	100	Plume Extent
	23296	10/23/01	GW07809RG	CHLOROETHANE	REAL	TR1	1 UG/L	U	V1	0.25	1	29.4	Plume Extent
	23296	10/23/01	GW07809RG	CHLOROFORM	REAL	TR1	10 UG/L		V1	0.23	1	100	Plume Extent
	23296	10/23/01	GW07809RG	CHLOROMETHANE	REAL	TR1	1 UG/L	U	V1	0.3	1	6.55	Plume Extent
	23296	10/23/01	GW07809RG	cis-1,2-DICHLOROETHENE	REAL	DL1	150 UG/L		V1	2.6	10	70	Plume Extent
	23296	10/23/01	GW07809RG	cis-1,3-DICHLOROPROPENE	REAL	TR1	1 UG/L	U	V1	0.28	1	0.473	Plume Extent
	23296	10/23/01	GW07809RG	DIBROMOCHLOROMETHANE	REAL	TR1	1 UG/L	U	V1	0.38	1	1.01	Plume Extent
	23296	10/23/01	GW07809RG	DIBROMOMETHANE	REAL	TR1	1 UG/L	U	V1	0.44	1		Plume Extent
	23296	10/23/01	GW07809RG	DICHLORODIFLUOROMETHANE	REAL	TR1	1 UG/L	U	V1	0.23	1		Plume Extent
	23296	10/23/01	GW07809RG	ETHYLBENZENE	REAL	TR1	1 UG/L	U	UJ1	0.28	1	700	Plume Extent

Appendix A: Groundwater Analytical Data - Dissolved Gasses and Volatile Organic Compounds Fourth Quarter 2001

Location	Sample Date	Sample #	Analyte	QC Type	Result Type	Result	Units	Lab Qual	Valid-ation	Detect Limit	Dilu-tion	Tier II	IMP Well Class
23296	10/23/01	GW07809RG	HEXACHLOROBUTADIENE	REAL	TR1	1	UG/L	U	V1	0.29	1	1.09	Plume Extent
23296	10/23/01	GW07809RG	ISOPROPYLBENZENE	REAL	TR1	1	UG/L	U	UJ1	0.31	1		Plume Extent
23296	10/23/01	GW07809RG	METHYLENE CHLORIDE	REAL	TR1	1	UG/L	U	V1	0.89	1	5	Plume Extent
23296	10/23/01	GW07809RG	NAPHTHALENE	REAL	TR1	1	UG/L	U	UJ1	0.15	1	1460	Plume Extent
23296	10/23/01	GW07809RG	n-BUTYLBENZENE	REAL	TR1	1	UG/L	U	UJ1	0.26	1		Plume Extent
23296	10/23/01	GW07809RG	n-PROPYLBENZENE	REAL	TR1	1	UG/L	U	UJ1	0.23	1		Plume Extent
23296	10/23/01	GW07809RG	o-CHLOROTOLUENE	REAL	TR1	1	UG/L	U	UJ1	0.31	1		Plume Extent
23296	10/23/01	GW07809RG	p-CHLOROTOLUENE	REAL	TR1	1	UG/L	U	UJ1	0.25	1		Plume Extent
23296	10/23/01	GW07809RG	PROPANE, 1,2-DIBROMO-3-CHLORO-	REAL	TR1	1	UG/L	U	V1	0.25	1	0.2	Plume Extent
23296	10/23/01	GW07809RG	sec-BUTYLBENZENE	REAL	TR1	1	UG/L	U	UJ1	0.26	1		Plume Extent
23296	10/23/01	GW07809RG	STYRENE	REAL	TR1	1	UG/L	U	UJ1	0.27	1	100	Plume Extent
23296	10/23/01	GW07809RG	tert-BUTYLBENZENE	REAL	TR1	1	UG/L	U	UJ1	0.29	1		Plume Extent
23296	10/23/01	GW07809RG	TETRACHLOROETHENE	REAL	TR1	12	UG/L		V1	0.36	1	5	Plume Extent
23296	10/23/01	GW07809RG	TOLUENE	REAL	TR1	1	UG/L	U	UJ1	0.29	1	1000	Plume Extent
23296	10/23/01	GW07809RG	TOTAL XYLENES	REAL	TR1	1	UG/L	U	UJ1	0.95	1	10000	Plume Extent
23296	10/23/01	GW07809RG	trans-1,2-DICHLOROETHENE	REAL	TR1	0.64	UG/L		V1	0.27	1	70	Plume Extent
23296	10/23/01	GW07809RG	trans-1,3-DICHLOROPROPENE	REAL	TR1	1	UG/L	U	V1	0.42	1	0.473	Plume Extent
23296	10/23/01	GW07809RG	TRICHLOROETHENE	REAL	DL1	380	UG/L		V1	2.2	10	5	Plume Extent
23296	10/23/01	GW07809RG	TRICHLOROFLUOROMETHANE	REAL	TR1	1	UG/L	U	V1	0.28	1		Plume Extent
23296	10/23/01	GW07809RG	VINYL CHLORIDE	REAL	TR1	1.2	UG/L		V1	0.21	1	2	Plume Extent
3586	10/22/01	GW07803RG	1,1,1,2-TETRACHLOROETHANE	REAL	TR1	1	UG/L	U	V1	0.22	1		Plume Extent
3586	10/22/01	GW07803RG	1,1,1-TRICHLOROETHANE	REAL	TR1	0.43	UG/L	J	V1	0.26	1	200	Plume Extent
3586	10/22/01	GW07803RG	1,1,2,2-TETRACHLOROETHANE	REAL	TR1	1	UG/L	U	V1	0.31	1	0.426	Plume Extent
3586	10/22/01	GW07803RG	1,1,2-TRICHLOROETHANE	REAL	TR1	1	UG/L	U	V1	0.39	1	5	Plume Extent
3586	10/22/01	GW07803RG	1,1,2-TRICHLOROTRIFLUOROETHANE	REAL	TR1	1	UG/L	U	V1	0.21	1		Plume Extent
3586	10/22/01	GW07803RG	1,1-DICHLOROETHANE	REAL	TR1	23	UG/L		V1	0.17	1	3650	Plume Extent
3586	10/22/01	GW07803RG	1,1-DICHLOROPROPENE	REAL	TR1	1	UG/L	U	V1	0.2	1	7	Plume Extent
3586	10/22/01	GW07803RG	1,1-DICHLOROPROPENE	REAL	TR1	1	UG/L	U	V1	0.22	1		Plume Extent
3586	10/22/01	GW07803RG	1,2,3-TRICHLOROBENZENE	REAL	TR1	1	UG/L	U	V1	0.16	1		Plume Extent
3586	10/22/01	GW07803RG	1,2,3-TRICHLOROPROPANE	REAL	TR1	1	UG/L	U	V1	0.29	1		Plume Extent
3586	10/22/01	GW07803RG	1,2,4-TRICHLOROBENZENE	REAL	TR1	1	UG/L	U	V1	0.2	1	70	Plume Extent
3586	10/22/01	GW07803RG	1,2-DIBROMOETHANE	REAL	TR1	1	UG/L	U	V1	0.36	1		Plume Extent
3586	10/22/01	GW07803RG	1,2-DICHLOROBENZENE	REAL	TR1	1	UG/L	U	V1	0.24	1	600	Plume Extent
3586	10/22/01	GW07803RG	1,2-DICHLOROETHANE	REAL	TR1	0.52	UG/L	J	V1	0.28	1	5	Plume Extent
3586	10/22/01	GW07803RG	1,2-DICHLOROPROPANE	REAL	TR1	1	UG/L	U	V1	0.21	1	5	Plume Extent
3586	10/22/01	GW07803RG	1,3-DICHLOROBENZENE	REAL	TR1	1	UG/L	U	V1	0.26	1	600	Plume Extent
3586	10/22/01	GW07803RG	1,3-DICHLOROPROPANE	REAL	TR1	1	UG/L	U	V1	0.26	1		Plume Extent
3586	10/22/01	GW07803RG	1,4-DICHLOROBENZENE	REAL	TR1	1	UG/L	U	V1	0.24	1	75	Plume Extent
3586	10/22/01	GW07803RG	2,2-DICHLOROPROPANE	REAL	TR1	1	UG/L	U	V1	0.21	1		Plume Extent
3586	10/22/01	GW07803RG	2-BUTANONE	REAL	TR1	5	UG/L	U	V1	0.93	1	21900	Plume Extent
3586	10/22/01	GW07803RG	2-HEXANONE	REAL	TR1	5	UG/L	U	V1	0.7	1		Plume Extent
3586	10/22/01	GW07803RG	4-ISOPROPYLTOLUENE	REAL	TR1	1	UG/L	U	V1	0.3	1		Plume Extent
3586	10/22/01	GW07803RG	4-METHYL-2-PENTANONE	REAL	TR1	5	UG/L	U	V1	0.79	1	2920	Plume Extent
3586	10/22/01	GW07803RG	ACETONE	REAL	TR1	10	UG/L	U	V1	1.9	1	3650	Plume Extent
3586	10/22/01	GW07803RG	BENZENE	REAL	TR1	0.52	UG/L	J	V1	0.21	1	5	Plume Extent
3586	10/22/01	GW07803RG	BENZENE, 1,2,4-TRIMETHYL	REAL	TR1	1	UG/L	U	V1	0.22	1		Plume Extent
3586	10/22/01	GW07803RG	BENZENE, 1,3,5-TRIMETHYL-	REAL	TR1	1	UG/L	U	V1	0.29	1		Plume Extent
3586	10/22/01	GW07803RG	BROMOBENZENE	REAL	TR1	1	UG/L	U	V1	0.24	1		Plume Extent
3586	10/22/01	GW07803RG	BROMOCHLOROMETHANE	REAL	TR1	1	UG/L	U	V1	0.21	1		Plume Extent
3586	10/22/01	GW07803RG	BROMODICHLOROMETHANE	REAL	TR1	1	UG/L	U	V1	0.22	1	100	Plume Extent
3586	10/22/01	GW07803RG	BROMOFORM	REAL	TR1	1	UG/L	U	V1	0.32	1	100	Plume Extent
3586	10/22/01	GW07803RG	BROMOMETHANE	REAL	TR1	1	UG/L	U	V1	0.3	1	51.1	Plume Extent
3586	10/22/01	GW07803RG	CARBON DISULFIDE	REAL	TR1	1	UG/L	U	V1	0.19	1	3650	Plume Extent
3586	10/22/01	GW07803RG	CARBON TETRACHLORIDE	REAL	TR1	1	UG/L	U	V1	0.19	1	5	Plume Extent
3586	10/22/01	GW07803RG	CHLOROBENZENE	REAL	TR1	1	UG/L	U	V1	0.3	1	100	Plume Extent
3586	10/22/01	GW07803RG	CHLOROETHANE	REAL	TR1	1.2	UG/L		V1	0.25	1	29.4	Plume Extent



Appendix A: Groundwater Analytical Data - Dissolved Gasses and Volatile Organic Compounds Fourth Quarter 2001

Location	Sample Date	Sample #	Analyte	QC Type	Result Type	Result	Units	Lab Qual	Valid-ation	Detect Limit	Dilu-tion	Tier II	IMP Well Class
3586	10/22/01	GW07803RG	CHLOROFORM	REAL	TR1	1	UG/L	U	V1	0.23	1	100	Plume Extent
3586	10/22/01	GW07803RG	CHLOROMETHANE	REAL	TR1	1	UG/L	U	V1	0.3	1	6.55	Plume Extent
3586	10/22/01	GW07803RG	cis-1,2-DICHLOROETHENE	REAL	TR1	5.4	UG/L		V1	0.26	1	70	Plume Extent
3586	10/22/01	GW07803RG	cis-1,3-DICHLOROPROPENE	REAL	TR1	1	UG/L	U	V1	0.28	1	0.473	Plume Extent
3586	10/22/01	GW07803RG	DIBROMOCHLOROMETHANE	REAL	TR1	1	UG/L	U	V1	0.38	1	1.01	Plume Extent
3586	10/22/01	GW07803RG	DIBROMOMETHANE	REAL	TR1	1	UG/L	U	V1	0.44	1		Plume Extent
3586	10/22/01	GW07803RG	DICHLORODIFLUOROMETHANE	REAL	TR1	1	UG/L	U	V1	0.23	1		Plume Extent
3586	10/22/01	GW07803RG	ETHYLBENZENE	REAL	TR1	1	UG/L	U	V1	0.28	1	700	Plume Extent
3586	10/22/01	GW07803RG	HEXACHLOROBUTADIENE	REAL	TR1	1	UG/L	U	V1	0.29	1	1.09	Plume Extent
3586	10/22/01	GW07803RG	ISOPROPYLBENZENE	REAL	TR1	1	UG/L	U	V1	0.31	1		Plume Extent
3586	10/22/01	GW07803RG	METHYLENE CHLORIDE	REAL	TR1	1	UG/L	U	V1	0.89	1	5	Plume Extent
3586	10/22/01	GW07803RG	NAPHTHALENE	REAL	TR1	1	UG/L	U	V1	0.15	1	1460	Plume Extent
3586	10/22/01	GW07803RG	n-BUTYLBENZENE	REAL	TR1	1	UG/L	U	V1	0.26	1		Plume Extent
3586	10/22/01	GW07803RG	n-PROPYLBENZENE	REAL	TR1	1	UG/L	U	V1	0.23	1		Plume Extent
3586	10/22/01	GW07803RG	o-CHLOROTOLUENE	REAL	TR1	1	UG/L	U	V1	0.31	1		Plume Extent
3586	10/22/01	GW07803RG	p-CHLOROTOLUENE	REAL	TR1	1	UG/L	U	V1	0.25	1		Plume Extent
3586	10/22/01	GW07803RG	PROPANE, 1,2-DIBROMO-3-CHLORO-	REAL	TR1	1	UG/L	U	V1	0.25	1	0.2	Plume Extent
3586	10/22/01	GW07803RG	sec-BUTYLBENZENE	REAL	TR1	1	UG/L	U	V1	0.26	1		Plume Extent
3586	10/22/01	GW07803RG	STYRENE	REAL	TR1	1	UG/L	U	V1	0.27	1	100	Plume Extent
3586	10/22/01	GW07803RG	tert-BUTYLBENZENE	REAL	TR1	1	UG/L	U	V1	0.29	1		Plume Extent
3586	10/22/01	GW07803RG	TETRACHLOROETHENE	REAL	TR1	0.47	UG/L	J	V1	0.36	1	5	Plume Extent
3586	10/22/01	GW07803RG	TOLUENE	REAL	TR1	1	UG/L	U	V1	0.29	1	1000	Plume Extent
3586	10/22/01	GW07803RG	TOTAL XYLENES	REAL	TR1	1	UG/L	U	V1	0.95	1	10000	Plume Extent
3586	10/22/01	GW07803RG	trans-1,2-DICHLOROETHENE	REAL	TR1	0.47	UG/L	J	V1	0.27	1	70	Plume Extent
3586	10/22/01	GW07803RG	trans-1,3-DICHLOROPROPENE	REAL	TR1	1	UG/L	U	V1	0.42	1	0.473	Plume Extent
3586	10/22/01	GW07803RG	TRICHLOROETHENE	REAL	TR1	0.49	UG/L	J	V1	0.22	1	5	Plume Extent
3586	10/22/01	GW07803RG	TRICHLOROFLUOROMETHANE	REAL	TR1	1	UG/L	U	V1	0.28	1		Plume Extent
3586	10/22/01	GW07803RG	VINYL CHLORIDE	REAL	TR1	5.4	UG/L		V1	0.21	1	2	Plume Extent
3687	10/16/01	GW07782RG	1,1,1,2-TETRACHLOROETHANE	REAL	DL1	40	UG/L	U	V1	8.8	40		Perf Monitoring
3687	10/16/01	GW07783RG	1,1,1,2-TETRACHLOROETHANE	DUP	DL1	40	UG/L	U	V1	8.8	40		Perf Monitoring
3687	10/16/01	GW07782RG	1,1,1-TRICHLOROETHANE	REAL	DL1	40	UG/L	U	V1	10	40	200	Perf Monitoring
3687	10/16/01	GW07783RG	1,1,1-TRICHLOROETHANE	DUP	DL1	40	UG/L	U	V1	10	40	200	Perf Monitoring
3687	10/16/01	GW07782RG	1,1,2,2-TETRACHLOROETHANE	REAL	DL1	40	UG/L	U	V1	12	40	0.426	Perf Monitoring
3687	10/16/01	GW07783RG	1,1,2,2-TETRACHLOROETHANE	DUP	DL1	40	UG/L	U	V1	12	40	0.426	Perf Monitoring
3687	10/16/01	GW07782RG	1,1,2-TRICHLOROETHANE	REAL	DL1	40	UG/L	U	V1	16	40	5	Perf Monitoring
3687	10/16/01	GW07783RG	1,1,2-TRICHLOROETHANE	DUP	DL1	40	UG/L	U	V1	16	40	5	Perf Monitoring
3687	10/16/01	GW07782RG	1,1,2-TRICHLOROTRIFLUOROETHANE	REAL	DL1	12	UG/L	J	V1	8.4	40		Perf Monitoring
3687	10/16/01	GW07783RG	1,1,2-TRICHLOROTRIFLUOROETHANE	DUP	DL1	13	UG/L	J	V1	8.4	40		Perf Monitoring
3687	10/16/01	GW07782RG	1,1-DICHLOROETHANE	REAL	DL1	40	UG/L	U	V1	6.8	40	3650	Perf Monitoring
3687	10/16/01	GW07783RG	1,1-DICHLOROETHANE	DUP	DL1	40	UG/L	U	V1	6.8	40	3650	Perf Monitoring
3687	10/16/01	GW07782RG	1,1-DICHLOROETHENE	REAL	DL1	23	UG/L	J	V1	8	40	7	Perf Monitoring
3687	10/16/01	GW07783RG	1,1-DICHLOROETHENE	DUP	DL1	22	UG/L	J	V1	8	40	7	Perf Monitoring
3687	10/16/01	GW07782RG	1,1-DICHLOROPROPENE	REAL	DL1	40	UG/L	U	V1	8.8	40		Perf Monitoring
3687	10/16/01	GW07783RG	1,1-DICHLOROPROPENE	DUP	DL1	40	UG/L	U	V1	8.8	40		Perf Monitoring
3687	10/16/01	GW07782RG	1,2,3-TRICHLOROBENZENE	REAL	DL1	40	UG/L	U	UJ1	6.4	40		Perf Monitoring
3687	10/16/01	GW07783RG	1,2,3-TRICHLOROBENZENE	DUP	DL1	40	UG/L	U	UJ1	6.4	40		Perf Monitoring
3687	10/16/01	GW07782RG	1,2,3-TRICHLOROPROPANE	REAL	DL1	40	UG/L	U	V1	12	40		Perf Monitoring
3687	10/16/01	GW07783RG	1,2,3-TRICHLOROPROPANE	DUP	DL1	40	UG/L	U	V1	12	40		Perf Monitoring
3687	10/16/01	GW07782RG	1,2,4-TRICHLOROBENZENE	REAL	DL1	40	UG/L	U	UJ1	8	40	70	Perf Monitoring
3687	10/16/01	GW07783RG	1,2,4-TRICHLOROBENZENE	DUP	DL1	40	UG/L	U	UJ1	8	40	70	Perf Monitoring
3687	10/16/01	GW07782RG	1,2-DIBROMOETHANE	REAL	DL1	40	UG/L	U	V1	14	40		Perf Monitoring
3687	10/16/01	GW07783RG	1,2-DIBROMOETHANE	DUP	DL1	40	UG/L	U	V1	14	40		Perf Monitoring
3687	10/16/01	GW07782RG	1,2-DICHLOROBENZENE	REAL	DL1	40	UG/L	U	UJ1	9.6	40	600	Perf Monitoring
3687	10/16/01	GW07783RG	1,2-DICHLOROBENZENE	DUP	DL1	40	UG/L	U	UJ1	9.6	40	600	Perf Monitoring
3687	10/16/01	GW07782RG	1,2-DICHLOROETHANE	REAL	DL1	40	UG/L	U	V1	11	40	5	Perf Monitoring
3687	10/16/01	GW07783RG	1,2-DICHLOROETHANE	DUP	DL1	40	UG/L	U	V1	11	40	5	Perf Monitoring

Appendix A: Groundwater Analytical Data - Dissolved Gasses and Volatile Organic Compounds Fourth Quarter 2001

Location	Sample Date	Sample #	Analyte	QC Type	Result Type	Result	Units	Lab Qual	Valid-ation	Detect Limit	Dilu-tion	Tier II	IMP Well Class
3687	10/16/01	GW07782RG	1,2-DICHLOROPROPANE	REAL	DL1	40	UG/L	U	V1	8.4	40	5	Perf Monitoring
3687	10/16/01	GW07783RG	1,2-DICHLOROPROPANE	DUP	DL1	40	UG/L	U	V1	8.4	40	5	Perf Monitoring
3687	10/16/01	GW07782RG	1,3-DICHLOROBENZENE	REAL	DL1	40	UG/L	U	UJ1	10	40	600	Perf Monitoring
3687	10/16/01	GW07783RG	1,3-DICHLOROBENZENE	DUP	DL1	40	UG/L	U	UJ1	10	40	600	Perf Monitoring
3687	10/16/01	GW07782RG	1,3-DICHLOROPROPANE	REAL	DL1	40	UG/L	U	V1	10	40		Perf Monitoring
3687	10/16/01	GW07783RG	1,3-DICHLOROPROPANE	DUP	DL1	40	UG/L	U	V1	10	40		Perf Monitoring
3687	10/16/01	GW07782RG	1,4-DICHLOROBENZENE	REAL	DL1	40	UG/L	U	UJ1	9.6	40	75	Perf Monitoring
3687	10/16/01	GW07783RG	1,4-DICHLOROBENZENE	DUP	DL1	40	UG/L	U	UJ1	9.6	40	75	Perf Monitoring
3687	10/16/01	GW07782RG	2,2-DICHLOROPROPANE	REAL	DL1	40	UG/L	U	V1	8.4	40		Perf Monitoring
3687	10/16/01	GW07783RG	2,2-DICHLOROPROPANE	DUP	DL1	40	UG/L	U	V1	8.4	40		Perf Monitoring
3687	10/16/01	GW07782RG	2-BUTANONE	REAL	DL1	200	UG/L	U	V1	37	40	21900	Perf Monitoring
3687	10/16/01	GW07783RG	2-BUTANONE	DUP	DL1	200	UG/L	U	V1	37	40	21900	Perf Monitoring
3687	10/16/01	GW07782RG	2-HEXANONE	REAL	DL1	200	UG/L	U	V1	28	40		Perf Monitoring
3687	10/16/01	GW07783RG	2-HEXANONE	DUP	DL1	200	UG/L	U	V1	28	40		Perf Monitoring
3687	10/16/01	GW07782RG	4-ISOPROPYLTOLUENE	REAL	DL1	40	UG/L	U	UJ1	12	40		Perf Monitoring
3687	10/16/01	GW07783RG	4-ISOPROPYLTOLUENE	DUP	DL1	40	UG/L	U	UJ1	12	40		Perf Monitoring
3687	10/16/01	GW07782RG	4-METHYL-2-PENTANONE	REAL	DL1	200	UG/L	U	V1	32	40	2920	Perf Monitoring
3687	10/16/01	GW07783RG	4-METHYL-2-PENTANONE	DUP	DL1	200	UG/L	U	V1	32	40	2920	Perf Monitoring
3687	10/16/01	GW07782RG	ACETONE	REAL	DL1	400	UG/L	U	V1	75	40	3650	Perf Monitoring
3687	10/16/01	GW07783RG	ACETONE	DUP	DL1	400	UG/L	U	V1	75	40	3650	Perf Monitoring
3687	10/16/01	GW07782RG	BENZENE	REAL	DL1	40	UG/L	U	UJ1	8.4	40	5	Perf Monitoring
3687	10/16/01	GW07783RG	BENZENE	DUP	DL1	40	UG/L	U	UJ1	8.4	40	5	Perf Monitoring
3687	10/16/01	GW07782RG	BENZENE, 1,2,4-TRIMETHYL	REAL	DL1	40	UG/L	U	UJ1	8.8	40		Perf Monitoring
3687	10/16/01	GW07783RG	BENZENE, 1,2,4-TRIMETHYL	DUP	DL1	40	UG/L	U	UJ1	8.8	40		Perf Monitoring
3687	10/16/01	GW07782RG	BENZENE, 1,3,5-TRIMETHYL-	REAL	DL1	40	UG/L	U	UJ1	12	40		Perf Monitoring
3687	10/16/01	GW07783RG	BENZENE, 1,3,5-TRIMETHYL-	DUP	DL1	40	UG/L	U	UJ1	12	40		Perf Monitoring
3687	10/16/01	GW07782RG	BROMOBENZENE	REAL	DL1	40	UG/L	U	UJ1	9.6	40		Perf Monitoring
3687	10/16/01	GW07783RG	BROMOBENZENE	DUP	DL1	40	UG/L	U	UJ1	9.6	40		Perf Monitoring
3687	10/16/01	GW07782RG	BROMOCHLOROMETHANE	REAL	DL1	40	UG/L	U	V1	8.4	40		Perf Monitoring
3687	10/16/01	GW07783RG	BROMOCHLOROMETHANE	DUP	DL1	40	UG/L	U	V1	8.4	40		Perf Monitoring
3687	10/16/01	GW07782RG	BROMODICHLOROMETHANE	REAL	DL1	40	UG/L	U	V1	8.8	40	100	Perf Monitoring
3687	10/16/01	GW07783RG	BROMODICHLOROMETHANE	DUP	DL1	40	UG/L	U	V1	8.8	40	100	Perf Monitoring
3687	10/16/01	GW07782RG	BROMOFORM	REAL	DL1	40	UG/L	U	V1	13	40	100	Perf Monitoring
3687	10/16/01	GW07783RG	BROMOFORM	DUP	DL1	40	UG/L	U	V1	13	40	100	Perf Monitoring
3687	10/16/01	GW07782RG	BROMOMETHANE	REAL	DL1	40	UG/L	U	V1	12	40	51.1	Perf Monitoring
3687	10/16/01	GW07783RG	BROMOMETHANE	DUP	DL1	40	UG/L	U	V1	12	40	51.1	Perf Monitoring
3687	10/16/01	GW07782RG	CARBON DISULFIDE	REAL	DL1	40	UG/L	U	V1	7.6	40	3650	Perf Monitoring
3687	10/16/01	GW07783RG	CARBON DISULFIDE	DUP	DL1	40	UG/L	U	V1	7.6	40	3650	Perf Monitoring
3687	10/16/01	GW07782RG	CARBON TETRACHLORIDE	REAL	DL1	360	UG/L		V1	7.6	40	5	Perf Monitoring
3687	10/16/01	GW07783RG	CARBON TETRACHLORIDE	DUP	DL1	370	UG/L		V1	7.6	40	5	Perf Monitoring
3687	10/16/01	GW07782RG	CHLOROBENZENE	REAL	DL1	40	UG/L	U	UJ1	12	40	100	Perf Monitoring
3687	10/16/01	GW07783RG	CHLOROBENZENE	DUP	DL1	40	UG/L	U	UJ1	12	40	100	Perf Monitoring
3687	10/16/01	GW07782RG	CHLOROETHANE	REAL	DL1	40	UG/L	U	V1	10	40	29.4	Perf Monitoring
3687	10/16/01	GW07783RG	CHLOROETHANE	DUP	DL1	40	UG/L	U	V1	10	40	29.4	Perf Monitoring
3687	10/16/01	GW07782RG	CHLOROFORM	REAL	DL1	140	UG/L		V1	9.2	40	100	Perf Monitoring
3687	10/16/01	GW07783RG	CHLOROFORM	DUP	DL1	130	UG/L		V1	9.2	40	100	Perf Monitoring
3687	10/16/01	GW07782RG	CHLOROMETHANE	REAL	DL1	40	UG/L	U	V1	12	40	6.55	Perf Monitoring
3687	10/16/01	GW07783RG	CHLOROMETHANE	DUP	DL1	40	UG/L	U	V1	12	40	6.55	Perf Monitoring
3687	10/16/01	GW07782RG	cis-1,2-DICHLOROETHENE	REAL	DL1	28	UG/L	J	V1	10	40	70	Perf Monitoring
3687	10/16/01	GW07783RG	cis-1,2-DICHLOROETHENE	DUP	DL1	28	UG/L	J	V1	10	40	70	Perf Monitoring
3687	10/16/01	GW07782RG	cis-1,3-DICHLOROPROPENE	REAL	DL1	40	UG/L	U	V1	11	40	0.473	Perf Monitoring
3687	10/16/01	GW07783RG	cis-1,3-DICHLOROPROPENE	DUP	DL1	40	UG/L	U	V1	11	40	0.473	Perf Monitoring
3687	10/16/01	GW07782RG	DIBROMOCHLOROMETHANE	REAL	DL1	40	UG/L	U	V1	15	40	1.01	Perf Monitoring
3687	10/16/01	GW07783RG	DIBROMOCHLOROMETHANE	DUP	DL1	40	UG/L	U	V1	15	40	1.01	Perf Monitoring
3687	10/16/01	GW07782RG	DIBROMOMETHANE	REAL	DL1	40	UG/L	U	V1	18	40		Perf Monitoring
3687	10/16/01	GW07783RG	DIBROMOMETHANE	DUP	DL1	40	UG/L	U	V1	18	40		Perf Monitoring

Appendix A: Groundwater Analytical Data - Dissolved Gasses and Volatile Organic Compounds Fourth Quarter 2001

Location	Sample Date	Sample #	Analyte	QC Type	Result Type	Result	Units	Lab Qual	Valid-ation	Detect Limit	Dilu-tion	Tier II	IMP Well Class
3687	10/16/01	GW07782RG	DICHLORODIFLUOROMETHANE	REAL	DL1	40	UG/L	U	V1	9.2	40		Perf Monitoring
3687	10/16/01	GW07783RG	DICHLORODIFLUOROMETHANE	DUP	DL1	40	UG/L	U	V1	9.2	40		Perf Monitoring
3687	10/16/01	GW07782RG	ETHYLBENZENE	REAL	DL1	40	UG/L	U	UJ1	11	40	700	Perf Monitoring
3687	10/16/01	GW07783RG	ETHYLBENZENE	DUP	DL1	40	UG/L	U	UJ1	11	40	700	Perf Monitoring
3687	10/16/01	GW07782RG	HEXACHLOROBUTADIENE	REAL	DL1	40	UG/L	U	V1	12	40	1.09	Perf Monitoring
3687	10/16/01	GW07783RG	HEXACHLOROBUTADIENE	DUP	DL1	40	UG/L	U	V1	12	40	1.09	Perf Monitoring
3687	10/16/01	GW07782RG	ISOPROPYLBENZENE	REAL	DL1	40	UG/L	U	UJ1	12	40		Perf Monitoring
3687	10/16/01	GW07783RG	ISOPROPYLBENZENE	DUP	DL1	40	UG/L	U	UJ1	12	40		Perf Monitoring
3687	10/16/01	GW07782RG	METHYLENE CHLORIDE	REAL	DL1	40	UG/L	U	V1	36	40	5	Perf Monitoring
3687	10/16/01	GW07783RG	METHYLENE CHLORIDE	DUP	DL1	40	UG/L	U	V1	36	40	5	Perf Monitoring
3687	10/16/01	GW07782RG	NAPHTHALENE	REAL	DL1	40	UG/L	U	UJ1	6	40	1460	Perf Monitoring
3687	10/16/01	GW07783RG	NAPHTHALENE	DUP	DL1	40	UG/L	U	UJ1	6	40	1460	Perf Monitoring
3687	10/16/01	GW07782RG	n-BUTYLBENZENE	REAL	DL1	40	UG/L	U	UJ1	10	40		Perf Monitoring
3687	10/16/01	GW07783RG	n-BUTYLBENZENE	DUP	DL1	40	UG/L	U	UJ1	10	40		Perf Monitoring
3687	10/16/01	GW07782RG	n-PROPYLBENZENE	REAL	DL1	40	UG/L	U	UJ1	9.2	40		Perf Monitoring
3687	10/16/01	GW07783RG	n-PROPYLBENZENE	DUP	DL1	40	UG/L	U	UJ1	9.2	40		Perf Monitoring
3687	10/16/01	GW07782RG	o-CHLOROTOLUENE	REAL	DL1	40	UG/L	U	UJ1	12	40		Perf Monitoring
3687	10/16/01	GW07783RG	o-CHLOROTOLUENE	DUP	DL1	40	UG/L	U	UJ1	12	40		Perf Monitoring
3687	10/16/01	GW07782RG	p-CHLOROTOLUENE	REAL	DL1	40	UG/L	U	UJ1	10	40		Perf Monitoring
3687	10/16/01	GW07783RG	p-CHLOROTOLUENE	DUP	DL1	40	UG/L	U	UJ1	10	40		Perf Monitoring
3687	10/16/01	GW07782RG	PROPANE, 1,2-DIBROMO-3-CHLORO-	REAL	DL1	40	UG/L	U	V1	10	40	0.2	Perf Monitoring
3687	10/16/01	GW07783RG	PROPANE, 1,2-DIBROMO-3-CHLORO-	DUP	DL1	40	UG/L	U	V1	10	40	0.2	Perf Monitoring
3687	10/16/01	GW07782RG	sec-BUTYLBENZENE	REAL	DL1	40	UG/L	U	UJ1	10	40		Perf Monitoring
3687	10/16/01	GW07783RG	sec-BUTYLBENZENE	DUP	DL1	40	UG/L	U	UJ1	10	40		Perf Monitoring
3687	10/16/01	GW07782RG	STYRENE	REAL	DL1	40	UG/L	U	UJ1	11	40	100	Perf Monitoring
3687	10/16/01	GW07783RG	STYRENE	DUP	DL1	40	UG/L	U	UJ1	11	40	100	Perf Monitoring
3687	10/16/01	GW07782RG	tert-BUTYLBENZENE	REAL	DL1	40	UG/L	U	UJ1	12	40		Perf Monitoring
3687	10/16/01	GW07783RG	tert-BUTYLBENZENE	DUP	DL1	40	UG/L	U	UJ1	12	40		Perf Monitoring
3687	10/16/01	GW07782RG	TETRACHLOROETHENE	REAL	DL1	360	UG/L		V1	14	40	5	Perf Monitoring
3687	10/16/01	GW07783RG	TETRACHLOROETHENE	DUP	DL1	390	UG/L		V1	14	40	5	Perf Monitoring
3687	10/16/01	GW07782RG	TOLUENE	REAL	DL1	40	UG/L	U	UJ1	12	40	1000	Perf Monitoring
3687	10/16/01	GW07783RG	TOLUENE	DUP	DL1	40	UG/L	U	UJ1	12	40	1000	Perf Monitoring
3687	10/16/01	GW07782RG	TOTAL XYLENES	REAL	DL1	40	UG/L	U	UJ1	38	40	10000	Perf Monitoring
3687	10/16/01	GW07783RG	TOTAL XYLENES	DUP	DL1	40	UG/L	U	UJ1	38	40	10000	Perf Monitoring
3687	10/16/01	GW07782RG	trans-1,2-DICHLOROETHENE	REAL	DL1	20	UG/L	U	V1	11	40	70	Perf Monitoring
3687	10/16/01	GW07783RG	trans-1,2-DICHLOROETHENE	DUP	DL1	20	UG/L	U	V1	11	40	70	Perf Monitoring
3687	10/16/01	GW07782RG	trans-1,3-DICHLOROPROPENE	REAL	DL1	40	UG/L	U	V1	17	40	0.473	Perf Monitoring
3687	10/16/01	GW07783RG	trans-1,3-DICHLOROPROPENE	DUP	DL1	40	UG/L	U	V1	17	40	0.473	Perf Monitoring
3687	10/16/01	GW07782RG	TRICHLOROETHENE	REAL	DL1	11000	UG/L		V1	88	400	5	Perf Monitoring
3687	10/16/01	GW07783RG	TRICHLOROETHENE	DUP	DL1	11000	UG/L		V1	88	400	5	Perf Monitoring
3687	10/16/01	GW07782RG	TRICHLOROFLUOROMETHANE	REAL	DL1	40	UG/L	U	V1	11	40		Perf Monitoring
3687	10/16/01	GW07783RG	TRICHLOROFLUOROMETHANE	DUP	DL1	40	UG/L	U	V1	11	40		Perf Monitoring
3687	10/16/01	GW07782RG	VINYL CHLORIDE	REAL	DL1	40	UG/L	U	V1	8.4	40	2	Perf Monitoring
3687	10/16/01	GW07783RG	VINYL CHLORIDE	DUP	DL1	40	UG/L	U	V1	8.4	40	2	Perf Monitoring
37791	12/11/01	GW07884RG	1,1,1,2-TETRACHLOROETHANE	REAL	TR1	1	UG/L	U	V	0.22	1		D&D Bldg 881
37791	12/11/01	GW07888RG	1,1,1,2-TETRACHLOROETHANE	DUP	TR1	1	UG/L	U	V	0.22	1		D&D Bldg 881
37791	12/11/01	GW07884RG	1,1,1-TRICHLOROETHANE	REAL	TR1	1	UG/L	U	V	0.26	1	200	D&D Bldg 881
37791	12/11/01	GW07888RG	1,1,1-TRICHLOROETHANE	DUP	TR1	1	UG/L	U	V	0.26	1	200	D&D Bldg 881
37791	12/11/01	GW07884RG	1,1,2,2-TETRACHLOROETHANE	REAL	TR1	1	UG/L	U	V	0.31	1	0.426	D&D Bldg 881
37791	12/11/01	GW07888RG	1,1,2,2-TETRACHLOROETHANE	DUP	TR1	1	UG/L	U	V	0.31	1	0.426	D&D Bldg 881
37791	12/11/01	GW07884RG	1,1,2-TRICHLOROETHANE	REAL	TR1	1	UG/L	U	V	0.39	1	5	D&D Bldg 881
37791	12/11/01	GW07888RG	1,1,2-TRICHLOROETHANE	DUP	TR1	1	UG/L	U	V	0.39	1	5	D&D Bldg 881
37791	12/11/01	GW07884RG	1,1,2-TRICHLOROTRIFLUOROETHANE	REAL	TR1	1	UG/L	U	V	0.21	1		D&D Bldg 881
37791	12/11/01	GW07888RG	1,1,2-TRICHLOROTRIFLUOROETHANE	DUP	TR1	1	UG/L	U	V	0.21	1		D&D Bldg 881
37791	12/11/01	GW07884RG	1,1-DICHLOROETHANE	REAL	TR1	1	UG/L	U	V	0.17	1	3650	D&D Bldg 881
37791	12/11/01	GW07888RG	1,1-DICHLOROETHANE	DUP	TR1	1	UG/L	U	V	0.17	1	3650	D&D Bldg 881

**Appendix A: Groundwater Analytical Data - Dissolved Gasses and Volatile Organic Compounds** **Fourth Quarter 2001**

Location	Sample Date	Sample #	Analyte	QC Type	Result Type	Result	Units	Lab Qual	Valid-ation	Detect Limit	Dilu-tion	Tier II	IMP Well Class
37791	12/11/01	GW07884RG	1,1-DICHLOROETHENE	REAL	TR1	1	UG/L	U	V	0.2	1	7	D&D Bldg 881
37791	12/11/01	GW07888RG	1,1-DICHLOROETHENE	DUP	TR1	1	UG/L	U	V	0.2	1	7	D&D Bldg 881
37791	12/11/01	GW07884RG	1,1-DICHLOROPROPENE	REAL	TR1	1	UG/L	U	V	0.22	1		D&D Bldg 881
37791	12/11/01	GW07888RG	1,1-DICHLOROPROPENE	DUP	TR1	1	UG/L	U	V	0.22	1		D&D Bldg 881
37791	12/11/01	GW07884RG	1,2,3-TRICHLOROBENZENE	REAL	TR1	1	UG/L	U	UJ	0.16	1		D&D Bldg 881
37791	12/11/01	GW07888RG	1,2,3-TRICHLOROBENZENE	DUP	TR1	1	UG/L	U	UJ	0.16	1		D&D Bldg 881
37791	12/11/01	GW07884RG	1,2,3-TRICHLOROPROPANE	REAL	TR1	1	UG/L	U	V	0.29	1		D&D Bldg 881
37791	12/11/01	GW07888RG	1,2,3-TRICHLOROPROPANE	DUP	TR1	1	UG/L	U	V	0.29	1		D&D Bldg 881
37791	12/11/01	GW07884RG	1,2,4-TRICHLOROBENZENE	REAL	TR1	1	UG/L	U	UJ	0.2	1	70	D&D Bldg 881
37791	12/11/01	GW07888RG	1,2,4-TRICHLOROBENZENE	DUP	TR1	1	UG/L	U	UJ	0.2	1	70	D&D Bldg 881
37791	12/11/01	GW07884RG	1,2-DIBROMOETHANE	REAL	TR1	1	UG/L	U	V	0.36	1		D&D Bldg 881
37791	12/11/01	GW07888RG	1,2-DIBROMOETHANE	DUP	TR1	1	UG/L	U	V	0.36	1		D&D Bldg 881
37791	12/11/01	GW07884RG	1,2-DICHLOROBENZENE	REAL	TR1	1	UG/L	U	UJ	0.24	1	600	D&D Bldg 881
37791	12/11/01	GW07888RG	1,2-DICHLOROBENZENE	DUP	TR1	1	UG/L	U	UJ	0.24	1	600	D&D Bldg 881
37791	12/11/01	GW07884RG	1,2-DICHLOROETHANE	REAL	TR1	1	UG/L	U	V	0.28	1	5	D&D Bldg 881
37791	12/11/01	GW07888RG	1,2-DICHLOROETHANE	DUP	TR1	1	UG/L	U	V	0.28	1	5	D&D Bldg 881
37791	12/11/01	GW07884RG	1,2-DICHLOROPROPANE	REAL	TR1	1	UG/L	U	V	0.21	1	5	D&D Bldg 881
37791	12/11/01	GW07888RG	1,2-DICHLOROPROPANE	DUP	TR1	1	UG/L	U	V	0.21	1	5	D&D Bldg 881
37791	12/11/01	GW07884RG	1,3-DICHLOROBENZENE	REAL	TR1	1	UG/L	U	UJ	0.26	1	600	D&D Bldg 881
37791	12/11/01	GW07888RG	1,3-DICHLOROBENZENE	DUP	TR1	1	UG/L	U	UJ	0.26	1	600	D&D Bldg 881
37791	12/11/01	GW07884RG	1,3-DICHLOROPROPANE	REAL	TR1	1	UG/L	U	V	0.26	1		D&D Bldg 881
37791	12/11/01	GW07888RG	1,3-DICHLOROPROPANE	DUP	TR1	1	UG/L	U	V	0.26	1		D&D Bldg 881
37791	12/11/01	GW07884RG	1,4-DICHLOROBENZENE	REAL	TR1	1	UG/L	U	UJ	0.24	1	75	D&D Bldg 881
37791	12/11/01	GW07888RG	1,4-DICHLOROBENZENE	DUP	TR1	1	UG/L	U	UJ	0.24	1	75	D&D Bldg 881
37791	12/11/01	GW07884RG	2,2-DICHLOROPROPANE	REAL	TR1	1	UG/L	U	V	0.21	1		D&D Bldg 881
37791	12/11/01	GW07888RG	2,2-DICHLOROPROPANE	DUP	TR1	1	UG/L	U	V	0.21	1		D&D Bldg 881
37791	12/11/01	GW07884RG	2-BUTANONE	REAL	TR1	5	UG/L	U	V	0.93	1	21900	D&D Bldg 881
37791	12/11/01	GW07888RG	2-BUTANONE	DUP	TR1	5	UG/L	U	V	0.93	1	21900	D&D Bldg 881
37791	12/11/01	GW07884RG	2-HEXANONE	REAL	TR1	5	UG/L	U	V	0.7	1		D&D Bldg 881
37791	12/11/01	GW07888RG	2-HEXANONE	DUP	TR1	5	UG/L	U	V	0.7	1		D&D Bldg 881
37791	12/11/01	GW07884RG	3-METHYLHEPTYL ACETATE (TIC)	REAL	TR1	1.7	UG/L	J	V		1		D&D Bldg 881
37791	12/11/01	GW07884RG	4-ISOPROPYLTOLUENE	REAL	TR1	1	UG/L	U	UJ	0.3	1		D&D Bldg 881
37791	12/11/01	GW07888RG	4-ISOPROPYLTOLUENE	DUP	TR1	1	UG/L	U	UJ	0.3	1		D&D Bldg 881
37791	12/11/01	GW07884RG	4-METHYL-2-PENTANONE	REAL	TR1	5	UG/L	U	V	0.79	1	2920	D&D Bldg 881
37791	12/11/01	GW07888RG	4-METHYL-2-PENTANONE	DUP	TR1	5	UG/L	U	V	0.79	1	2920	D&D Bldg 881
37791	12/11/01	GW07884RG	ACETONE	REAL	TR1	10	UG/L	U	V	1.9	1	3650	D&D Bldg 881
37791	12/11/01	GW07888RG	ACETONE	DUP	TR1	10	UG/L	U	V	1.9	1	3650	D&D Bldg 881
37791	12/11/01	GW07884RG	BENZENE	REAL	TR1	1	UG/L	U	UJ	0.21	1	5	D&D Bldg 881
37791	12/11/01	GW07888RG	BENZENE	DUP	TR1	1	UG/L	U	UJ	0.21	1	5	D&D Bldg 881
37791	12/11/01	GW07884RG	BENZENE, 1,2,4-TRIMETHYL	REAL	TR1	1	UG/L	U	UJ	0.22	1		D&D Bldg 881
37791	12/11/01	GW07888RG	BENZENE, 1,2,4-TRIMETHYL	DUP	TR1	1	UG/L	U	UJ	0.22	1		D&D Bldg 881
37791	12/11/01	GW07884RG	BENZENE, 1,3,5-TRIMETHYL-	REAL	TR1	1	UG/L	U	UJ	0.29	1		D&D Bldg 881
37791	12/11/01	GW07888RG	BENZENE, 1,3,5-TRIMETHYL-	DUP	TR1	1	UG/L	U	UJ	0.29	1		D&D Bldg 881
37791	12/11/01	GW07884RG	BROMOBENZENE	REAL	TR1	1	UG/L	U	UJ	0.24	1		D&D Bldg 881
37791	12/11/01	GW07888RG	BROMOBENZENE	DUP	TR1	1	UG/L	U	UJ	0.24	1		D&D Bldg 881
37791	12/11/01	GW07884RG	BROMOCHLOROMETHANE	REAL	TR1	1	UG/L	U	V	0.21	1		D&D Bldg 881
37791	12/11/01	GW07888RG	BROMOCHLOROMETHANE	DUP	TR1	1	UG/L	U	V	0.21	1		D&D Bldg 881
37791	12/11/01	GW07884RG	BROMODICHLOROMETHANE	REAL	TR1	1	UG/L	U	V	0.22	1	100	D&D Bldg 881
37791	12/11/01	GW07888RG	BROMODICHLOROMETHANE	DUP	TR1	1	UG/L	U	V	0.22	1	100	D&D Bldg 881
37791	12/11/01	GW07884RG	BROMOFORM	REAL	TR1	1	UG/L	U	V	0.32	1	100	D&D Bldg 881
37791	12/11/01	GW07888RG	BROMOFORM	DUP	TR1	1	UG/L	U	V	0.32	1	100	D&D Bldg 881
37791	12/11/01	GW07884RG	BROMOMETHANE	REAL	TR1	1	UG/L	U	V	0.3	1	51.1	D&D Bldg 881
37791	12/11/01	GW07888RG	BROMOMETHANE	DUP	TR1	1	UG/L	U	V	0.3	1	51.1	D&D Bldg 881
37791	12/11/01	GW07884RG	CARBON DISULFIDE	REAL	TR1	1	UG/L	U	V	0.19	1	3650	D&D Bldg 881
37791	12/11/01	GW07888RG	CARBON DISULFIDE	DUP	TR1	1	UG/L	U	V	0.19	1	3650	D&D Bldg 881
37791	12/11/01	GW07884RG	CARBON TETRACHLORIDE	REAL	TR1	1	UG/L	U	V	0.19	1	5	D&D Bldg 881

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Appendix A: Groundwater Analytical Data - Dissolved Gasses and Volatile Organic Compounds Fourth Quarter 2001

Location	Sample Date	Sample #	Analyte	QC Type	Result Type	Result	Units	Lab Qual	Valid-ation	Detect Limit	Dilu-tion	Tier II	IMP Well Class
37791	12/11/01	GW07888RG	CARBON TETRACHLORIDE	DUP	TR1	1	UG/L	U	V	0.19	1	5	D&D Bldg 881
37791	12/11/01	GW07884RG	CHLOROBENZENE	REAL	TR1	1	UG/L	U	UJ	0.3	1	100	D&D Bldg 881
37791	12/11/01	GW07888RG	CHLOROBENZENE	DUP	TR1	1	UG/L	U	UJ	0.3	1	100	D&D Bldg 881
37791	12/11/01	GW07884RG	CHLOROETHANE	REAL	TR1	1	UG/L	U	V	0.25	1	29.4	D&D Bldg 881
37791	12/11/01	GW07888RG	CHLOROETHANE	DUP	TR1	1	UG/L	U	V	0.25	1	29.4	D&D Bldg 881
37791	12/11/01	GW07884RG	CHLOROFORM	REAL	TR1	1	UG/L	U	V	0.23	1	100	D&D Bldg 881
37791	12/11/01	GW07888RG	CHLOROFORM	DUP	TR1	1	UG/L	U	V	0.23	1	100	D&D Bldg 881
37791	12/11/01	GW07884RG	CHLOROMETHANE	REAL	TR1	1	UG/L	U	V	0.3	1	6.55	D&D Bldg 881
37791	12/11/01	GW07888RG	CHLOROMETHANE	DUP	TR1	1	UG/L	U	V	0.3	1	6.55	D&D Bldg 881
37791	12/11/01	GW07884RG	cis-1,2-DICHLOROETHENE	REAL	TR1	1	UG/L	U	V	0.26	1	70	D&D Bldg 881
37791	12/11/01	GW07888RG	cis-1,2-DICHLOROETHENE	DUP	TR1	1	UG/L	U	V	0.26	1	70	D&D Bldg 881
37791	12/11/01	GW07884RG	cis-1,3-DICHLOROPROPENE	REAL	TR1	1	UG/L	U	V	0.28	1	0.473	D&D Bldg 881
37791	12/11/01	GW07888RG	cis-1,3-DICHLOROPROPENE	DUP	TR1	1	UG/L	U	V	0.28	1	0.473	D&D Bldg 881
37791	12/11/01	GW07888RG	CYCLOTRISILOXANE, HEXAMETHYL (T	DUP	TR1	1.3	UG/L	J	V		1		D&D Bldg 881
37791	12/11/01	GW07884RG	DIBROMOCHLOROMETHANE	REAL	TR1	1	UG/L	U	V	0.38	1	1.01	D&D Bldg 881
37791	12/11/01	GW07888RG	DIBROMOCHLOROMETHANE	DUP	TR1	1	UG/L	U	V	0.38	1	1.01	D&D Bldg 881
37791	12/11/01	GW07884RG	DIBROMOMETHANE	REAL	TR1	1	UG/L	U	V	0.44	1		D&D Bldg 881
37791	12/11/01	GW07888RG	DIBROMOMETHANE	DUP	TR1	1	UG/L	U	V	0.44	1		D&D Bldg 881
37791	12/11/01	GW07884RG	DICHLORODIFLUOROMETHANE	REAL	TR1	1	UG/L	U	V	0.23	1		D&D Bldg 881
37791	12/11/01	GW07888RG	DICHLORODIFLUOROMETHANE	DUP	TR1	1	UG/L	U	V	0.23	1		D&D Bldg 881
37791	12/11/01	GW07884RG	ETHYLBENZENE	REAL	TR1	1	UG/L	U	UJ	0.28	1	700	D&D Bldg 881
37791	12/11/01	GW07888RG	ETHYLBENZENE	DUP	TR1	1	UG/L	U	UJ	0.28	1	700	D&D Bldg 881
37791	12/11/01	GW07884RG	HEXACHLOROBUTADIENE	REAL	TR1	1	UG/L	U	V	0.29	1	1.09	D&D Bldg 881
37791	12/11/01	GW07888RG	HEXACHLOROBUTADIENE	DUP	TR1	1	UG/L	U	V	0.29	1	1.09	D&D Bldg 881
37791	12/11/01	GW07884RG	ISOPROPYLBENZENE	REAL	TR1	1	UG/L	U	UJ	0.31	1		D&D Bldg 881
37791	12/11/01	GW07888RG	ISOPROPYLBENZENE	DUP	TR1	1	UG/L	U	UJ	0.31	1		D&D Bldg 881
37791	12/11/01	GW07884RG	METHYLENE CHLORIDE	REAL	TR1	1	UG/L	U	V	0.89	1	5	D&D Bldg 881
37791	12/11/01	GW07888RG	METHYLENE CHLORIDE	DUP	TR1	1	UG/L	U	V	0.89	1	5	D&D Bldg 881
37791	12/11/01	GW07884RG	NAPHTHALENE	REAL	TR1	1	UG/L	U	UJ	0.15	1	1460	D&D Bldg 881
37791	12/11/01	GW07888RG	NAPHTHALENE	DUP	TR1	1	UG/L	U	UJ	0.15	1	1460	D&D Bldg 881
37791	12/11/01	GW07884RG	n-BUTYLBENZENE	REAL	TR1	1	UG/L	U	UJ	0.26	1		D&D Bldg 881
37791	12/11/01	GW07888RG	n-BUTYLBENZENE	DUP	TR1	1	UG/L	U	UJ	0.26	1		D&D Bldg 881
37791	12/11/01	GW07884RG	n-PROPYLBENZENE	REAL	TR1	1	UG/L	U	UJ	0.23	1		D&D Bldg 881
37791	12/11/01	GW07888RG	n-PROPYLBENZENE	DUP	TR1	1	UG/L	U	UJ	0.23	1		D&D Bldg 881
37791	12/11/01	GW07884RG	o-CHLOROTOLUENE	REAL	TR1	1	UG/L	U	UJ	0.31	1		D&D Bldg 881
37791	12/11/01	GW07888RG	o-CHLOROTOLUENE	DUP	TR1	1	UG/L	U	UJ	0.31	1		D&D Bldg 881
37791	12/11/01	GW07884RG	p-CHLOROTOLUENE	REAL	TR1	1	UG/L	U	UJ	0.25	1		D&D Bldg 881
37791	12/11/01	GW07888RG	p-CHLOROTOLUENE	DUP	TR1	1	UG/L	U	UJ	0.25	1		D&D Bldg 881
37791	12/11/01	GW07884RG	PROPANE, 1,2-DIBROMO-3-CHLORO-	REAL	TR1	1	UG/L	U	V	0.25	1	0.2	D&D Bldg 881
37791	12/11/01	GW07888RG	PROPANE, 1,2-DIBROMO-3-CHLORO-	DUP	TR1	1	UG/L	U	V	0.25	1	0.2	D&D Bldg 881
37791	12/11/01	GW07884RG	sec-BUTYLBENZENE	REAL	TR1	1	UG/L	U	UJ	0.26	1		D&D Bldg 881
37791	12/11/01	GW07888RG	sec-BUTYLBENZENE	DUP	TR1	1	UG/L	U	UJ	0.26	1		D&D Bldg 881
37791	12/11/01	GW07884RG	STYRENE	REAL	TR1	1	UG/L	U	UJ	0.27	1	100	D&D Bldg 881
37791	12/11/01	GW07888RG	STYRENE	DUP	TR1	1	UG/L	U	UJ	0.27	1	100	D&D Bldg 881
37791	12/11/01	GW07884RG	tert-BUTYLBENZENE	REAL	TR1	1	UG/L	U	UJ	0.29	1		D&D Bldg 881
37791	12/11/01	GW07888RG	tert-BUTYLBENZENE	DUP	TR1	1	UG/L	U	UJ	0.29	1		D&D Bldg 881
37791	12/11/01	GW07884RG	TETRACHLOROETHENE	REAL	TR1	1	UG/L	U	V	0.36	1	5	D&D Bldg 881
37791	12/11/01	GW07888RG	TETRACHLOROETHENE	DUP	TR1	1	UG/L	U	V	0.36	1	5	D&D Bldg 881
37791	12/11/01	GW07884RG	TOLUENE	REAL	TR1	1	UG/L	U	UJ	0.29	1	1000	D&D Bldg 881
37791	12/11/01	GW07888RG	TOLUENE	DUP	TR1	1	UG/L	U	UJ	0.29	1	1000	D&D Bldg 881
37791	12/11/01	GW07884RG	TOTAL XYLENES	REAL	TR1	1	UG/L	U	UJ	0.95	1	10000	D&D Bldg 881
37791	12/11/01	GW07888RG	TOTAL XYLENES	DUP	TR1	1	UG/L	U	UJ	0.95	1	10000	D&D Bldg 881
37791	12/11/01	GW07884RG	trans-1,2-DICHLOROETHENE	REAL	TR1	0.5	UG/L	U	V	0.27	1	70	D&D Bldg 881
37791	12/11/01	GW07888RG	trans-1,2-DICHLOROETHENE	DUP	TR1	0.5	UG/L	U	V	0.27	1	70	D&D Bldg 881
37791	12/11/01	GW07884RG	trans-1,3-DICHLOROPROPENE	REAL	TR1	1	UG/L	U	V	0.42	1	0.473	D&D Bldg 881
37791	12/11/01	GW07888RG	trans-1,3-DICHLOROPROPENE	DUP	TR1	1	UG/L	U	V	0.42	1	0.473	D&D Bldg 881

Appendix A: Groundwater Analytical Data - Dissolved Gasses and Volatile Organic Compounds Fourth Quarter 2001

Location	Sample Date	Sample #	Analyte	QC Type	Result Type	Result	Units	Lab Qual	Valid-ation	Detect Limit	Dilu-tion	Tier II	IMP Well Class
37791	12/11/01	GW07884RG	TRICHLOROETHENE	REAL	TR1	1	UG/L	U	V	0.22	1	5	D&D Bldg 881
37791	12/11/01	GW07888RG	TRICHLOROETHENE	DUP	TR1	1	UG/L	U	V	0.22	1	5	D&D Bldg 881
37791	12/11/01	GW07884RG	TRICHLOROFLUOROMETHANE	REAL	TR1	1	UG/L	U	V	0.28	1		D&D Bldg 881
37791	12/11/01	GW07888RG	TRICHLOROFLUOROMETHANE	DUP	TR1	1	UG/L	U	V	0.28	1		D&D Bldg 881
37791	12/11/01	GW07884RG	VINYL CHLORIDE	REAL	TR1	1	UG/L	U	V	0.21	1	2	D&D Bldg 881
37791	12/11/01	GW07888RG	VINYL CHLORIDE	DUP	TR1	1	UG/L	U	V	0.21	1	2	D&D Bldg 881
37791	12/11/01	GW07889RG	1,1,1,2-TETRACHLOROETHANE	RNS	TR1	1	UG/L	U	V	0.22	1		D&D Bldg 881
37791	12/11/01	GW07889RG	1,1,1-TRICHLOROETHANE	RNS	TR1	1	UG/L	U	V	0.26	1	200	D&D Bldg 881
37791	12/11/01	GW07889RG	1,1,2,2-TETRACHLOROETHANE	RNS	TR1	1	UG/L	U	V	0.31	1	0.426	D&D Bldg 881
37791	12/11/01	GW07889RG	1,1,2-TRICHLOROETHANE	RNS	TR1	1	UG/L	U	V	0.39	1	5	D&D Bldg 881
37791	12/11/01	GW07889RG	1,1,2-TRICHLOROTRIFLUOROETHANE	RNS	TR1	1	UG/L	U	V	0.21	1		D&D Bldg 881
37791	12/11/01	GW07889RG	1,1-DICHLOROETHANE	RNS	TR1	1	UG/L	U	V	0.17	1	3650	D&D Bldg 881
37791	12/11/01	GW07889RG	1,1-DICHLOROETHENE	RNS	TR1	1	UG/L	U	V	0.2	1	7	D&D Bldg 881
37791	12/11/01	GW07889RG	1,1-DICHLOROPROPENE	RNS	TR1	1	UG/L	U	V	0.22	1		D&D Bldg 881
37791	12/11/01	GW07889RG	1,2,3-TRICHLOROBENZENE	RNS	TR1	1	UG/L	U	UJ	0.16	1		D&D Bldg 881
37791	12/11/01	GW07889RG	1,2,3-TRICHLOROPROPANE	RNS	TR1	1	UG/L	U	V	0.29	1		D&D Bldg 881
37791	12/11/01	GW07889RG	1,2,4-TRICHLOROBENZENE	RNS	TR1	1	UG/L	U	UJ	0.2	1	70	D&D Bldg 881
37791	12/11/01	GW07889RG	1,2-DIBROMOETHANE	RNS	TR1	1	UG/L	U	V	0.36	1		D&D Bldg 881
37791	12/11/01	GW07889RG	1,2-DICHLOROBENZENE	RNS	TR1	1	UG/L	U	UJ	0.24	1	600	D&D Bldg 881
37791	12/11/01	GW07889RG	1,2-DICHLOROETHANE	RNS	TR1	1	UG/L	U	V	0.28	1	5	D&D Bldg 881
37791	12/11/01	GW07889RG	1,2-DICHLOROPROPANE	RNS	TR1	1	UG/L	U	V	0.21	1	5	D&D Bldg 881
37791	12/11/01	GW07889RG	1,3-DICHLOROBENZENE	RNS	TR1	1	UG/L	U	UJ	0.26	1	600	D&D Bldg 881
37791	12/11/01	GW07889RG	1,3-DICHLOROPROPANE	RNS	TR1	1	UG/L	U	V	0.26	1		D&D Bldg 881
37791	12/11/01	GW07889RG	1,4-DICHLOROBENZENE	RNS	TR1	1	UG/L	U	UJ	0.24	1	75	D&D Bldg 881
37791	12/11/01	GW07889RG	2,2-DICHLOROPROPANE	RNS	TR1	1	UG/L	U	V	0.21	1		D&D Bldg 881
37791	12/11/01	GW07889RG	2-BUTANONE	RNS	TR1	5	UG/L	U	V	0.93	1	21900	D&D Bldg 881
37791	12/11/01	GW07889RG	2-HEXANONE	RNS	TR1	5	UG/L	U	V	0.7	1		D&D Bldg 881
37791	12/11/01	GW07889RG	4-ISOPROPYLTOLUENE	RNS	TR1	1	UG/L	U	UJ	0.3	1		D&D Bldg 881
37791	12/11/01	GW07889RG	4-METHYL-2-PENTANONE	RNS	TR1	5	UG/L	U	V	0.79	1	2920	D&D Bldg 881
37791	12/11/01	GW07889RG	ACETONE	RNS	TR1	2.8	UG/L	J	V	1.9	1	3650	D&D Bldg 881
37791	12/11/01	GW07889RG	BENZENE	RNS	TR1	1	UG/L	U	UJ	0.21	1	5	D&D Bldg 881
37791	12/11/01	GW07889RG	BENZENE, 1,2,4-TRIMETHYL	RNS	TR1	1	UG/L	U	UJ	0.22	1		D&D Bldg 881
37791	12/11/01	GW07889RG	BENZENE, 1,3,5-TRIMETHYL-	RNS	TR1	1	UG/L	U	UJ	0.29	1		D&D Bldg 881
37791	12/11/01	GW07889RG	BROMOBENZENE	RNS	TR1	1	UG/L	U	UJ	0.24	1		D&D Bldg 881
37791	12/11/01	GW07889RG	BROMOCHLOROMETHANE	RNS	TR1	1	UG/L	U	V	0.21	1		D&D Bldg 881
37791	12/11/01	GW07889RG	BROMODICHLOROMETHANE	RNS	TR1	1	UG/L	U	V	0.22	1	100	D&D Bldg 881
37791	12/11/01	GW07889RG	BROMOFORM	RNS	TR1	1	UG/L	U	V	0.32	1	100	D&D Bldg 881
37791	12/11/01	GW07889RG	BROMOMETHANE	RNS	TR1	1	UG/L	U	V	0.3	1	51.1	D&D Bldg 881
37791	12/11/01	GW07889RG	CARBON DISULFIDE	RNS	TR1	1	UG/L	U	V	0.19	1	3650	D&D Bldg 881
37791	12/11/01	GW07889RG	CARBON TETRACHLORIDE	RNS	TR1	1	UG/L	U	V	0.19	1	5	D&D Bldg 881
37791	12/11/01	GW07889RG	CHLOROBENZENE	RNS	TR1	1	UG/L	U	UJ	0.3	1	100	D&D Bldg 881
37791	12/11/01	GW07889RG	CHLOROETHANE	RNS	TR1	1	UG/L	U	V	0.25	1	29.4	D&D Bldg 881
37791	12/11/01	GW07889RG	CHLOROFORM	RNS	TR1	1	UG/L	U	V	0.23	1	100	D&D Bldg 881
37791	12/11/01	GW07889RG	CHLOROMETHANE	RNS	TR1	1	UG/L	U	V	0.3	1	6.55	D&D Bldg 881
37791	12/11/01	GW07889RG	cis-1,2-DICHLOROETHENE	RNS	TR1	1	UG/L	U	V	0.26	1	70	D&D Bldg 881
37791	12/11/01	GW07889RG	cis-1,3-DICHLOROPROPENE	RNS	TR1	1	UG/L	U	V	0.28	1	0.473	D&D Bldg 881
37791	12/11/01	GW07889RG	DIBROMOCHLOROMETHANE	RNS	TR1	1	UG/L	U	V	0.38	1	1.01	D&D Bldg 881
37791	12/11/01	GW07889RG	DIBROMOMETHANE	RNS	TR1	1	UG/L	U	V	0.44	1		D&D Bldg 881
37791	12/11/01	GW07889RG	DICHLORODIFLUOROMETHANE	RNS	TR1	1	UG/L	U	V	0.23	1		D&D Bldg 881
37791	12/11/01	GW07889RG	ETHYLBENZENE	RNS	TR1	1	UG/L	U	UJ	0.28	1	700	D&D Bldg 881
37791	12/11/01	GW07889RG	HEXACHLOROBUTADIENE	RNS	TR1	1	UG/L	U	V	0.29	1	1.09	D&D Bldg 881
37791	12/11/01	GW07889RG	ISOPROPYLBENZENE	RNS	TR1	1	UG/L	U	UJ	0.31	1		D&D Bldg 881
37791	12/11/01	GW07889RG	METHYLENE CHLORIDE	RNS	TR1	1	UG/L	U	V	0.89	1	5	D&D Bldg 881
37791	12/11/01	GW07889RG	NAPHTHALENE	RNS	TR1	1	UG/L	U	UJ	0.15	1	1460	D&D Bldg 881
37791	12/11/01	GW07889RG	n-BUTYLBENZENE	RNS	TR1	1	UG/L	U	UJ	0.26	1		D&D Bldg 881
37791	12/11/01	GW07889RG	n-PROPYLBENZENE	RNS	TR1	1	UG/L	U	UJ	0.23	1		D&D Bldg 881



Appendix A: Groundwater Analytical Data - Dissolved Gasses and Volatile Organic Compounds Fourth Quarter 2001

Location	Sample Date	Sample #	Analyte	QC Type	Result Type	Result	Units	Lab Qual	Valid-ation	Detect Limit	Dilu-tion	Tier II	IMP Well Class
37791	12/11/01	GW07889RG	o-CHLOROTOLUENE	RNS	TR1	1	UG/L	U	UJ	0.31	1		D&D Bldg 881
37791	12/11/01	GW07889RG	p-CHLOROTOLUENE	RNS	TR1	1	UG/L	U	UJ	0.25	1		D&D Bldg 881
37791	12/11/01	GW07889RG	PROPANE, 1,2-DIBROMO-3-CHLORO-	RNS	TR1	1	UG/L	U	V	0.25	1	0.2	D&D Bldg 881
37791	12/11/01	GW07889RG	sec-BUTYLBENZENE	RNS	TR1	1	UG/L	U	UJ	0.26	1		D&D Bldg 881
37791	12/11/01	GW07889RG	STYRENE	RNS	TR1	1	UG/L	U	UJ	0.27	1	100	D&D Bldg 881
37791	12/11/01	GW07889RG	tert-BUTYLBENZENE	RNS	TR1	1	UG/L	U	UJ	0.29	1		D&D Bldg 881
37791	12/11/01	GW07889RG	TETRACHLOROETHENE	RNS	TR1	1	UG/L	U	V	0.36	1	5	D&D Bldg 881
37791	12/11/01	GW07889RG	TOLUENE	RNS	TR1	1	UG/L	U	UJ	0.29	1	1000	D&D Bldg 881
37791	12/11/01	GW07889RG	TOTAL XYLENES	RNS	TR1	1	UG/L	U	UJ	0.95	1	10000	D&D Bldg 881
37791	12/11/01	GW07889RG	trans-1,2-DICHLOROETHENE	RNS	TR1	0.5	UG/L	U	V	0.27	1	70	D&D Bldg 881
37791	12/11/01	GW07889RG	trans-1,3-DICHLOROPROPENE	RNS	TR1	1	UG/L	U	V	0.42	1	0.473	D&D Bldg 881
37791	12/11/01	GW07889RG	TRICHLOROETHENE	RNS	TR1	1	UG/L	U	V	0.22	1	5	D&D Bldg 881
37791	12/11/01	GW07889RG	TRICHLOROFLUOROMETHANE	RNS	TR1	1	UG/L	U	V	0.28	1		D&D Bldg 881
37791	12/11/01	GW07889RG	VINYL CHLORIDE	RNS	TR1	1	UG/L	U	V	0.21	1	2	D&D Bldg 881
40999	12/12/01	GW07882RG	1,1,1,2-TETRACHLOROETHANE	REAL	TR1	1	UG/L	U	V	0.22	1		D&D Bldg 886/865
40999	12/12/01	GW07882RG	1,1,1-TRICHLOROETHANE	REAL	TR1	1	UG/L	U	V	0.26	1	200	D&D Bldg 886/865
40999	12/12/01	GW07882RG	1,1,2,2-TETRACHLOROETHANE	REAL	TR1	1	UG/L	U	V	0.31	1	0.426	D&D Bldg 886/865
40999	12/12/01	GW07882RG	1,1,2-TRICHLOROETHANE	REAL	TR1	1	UG/L	U	V	0.39	1	5	D&D Bldg 886/865
40999	12/12/01	GW07882RG	1,1,2-TRICHLOROTRIFLUOROETHANE	REAL	TR1	1	UG/L	U	V	0.21	1		D&D Bldg 886/865
40999	12/12/01	GW07882RG	1,1-DICHLOROETHANE	REAL	TR1	1	UG/L	U	V	0.17	1	3650	D&D Bldg 886/865
40999	12/12/01	GW07882RG	1,1-DICHLOROETHENE	REAL	TR1	1	UG/L	U	V	0.2	1	7	D&D Bldg 886/865
40999	12/12/01	GW07882RG	1,1-DICHLOROPROPENE	REAL	TR1	1	UG/L	U	V	0.22	1		D&D Bldg 886/865
40999	12/12/01	GW07882RG	1,2,3-TRICHLOROBENZENE	REAL	TR1	1	UG/L	U	UJ	0.16	1		D&D Bldg 886/865
40999	12/12/01	GW07882RG	1,2,3-TRICHLOROPROPANE	REAL	TR1	1	UG/L	U	V	0.29	1		D&D Bldg 886/865
40999	12/12/01	GW07882RG	1,2,4-TRICHLOROBENZENE	REAL	TR1	1	UG/L	U	UJ	0.2	1	70	D&D Bldg 886/865
40999	12/12/01	GW07882RG	1,2-DIBROMOETHANE	REAL	TR1	1	UG/L	U	V	0.36	1		D&D Bldg 886/865
40999	12/12/01	GW07882RG	1,2-DICHLOROBENZENE	REAL	TR1	1	UG/L	U	UJ	0.24	1	600	D&D Bldg 886/865
40999	12/12/01	GW07882RG	1,2-DICHLOROETHANE	REAL	TR1	1	UG/L	U	V	0.28	1	5	D&D Bldg 886/865
40999	12/12/01	GW07882RG	1,2-DICHLOROPROPANE	REAL	TR1	1	UG/L	U	V	0.21	1	5	D&D Bldg 886/865
40999	12/12/01	GW07882RG	1,3-DICHLOROBENZENE	REAL	TR1	1	UG/L	U	UJ	0.26	1	600	D&D Bldg 886/865
40999	12/12/01	GW07882RG	1,3-DICHLOROPROPANE	REAL	TR1	1	UG/L	U	V	0.26	1		D&D Bldg 886/865
40999	12/12/01	GW07882RG	1,4-DICHLOROBENZENE	REAL	TR1	1	UG/L	U	UJ	0.24	1	75	D&D Bldg 886/865
40999	12/12/01	GW07882RG	2,2-DICHLOROPROPANE	REAL	TR1	1	UG/L	U	V	0.21	1		D&D Bldg 886/865
40999	12/12/01	GW07882RG	2-BUTANONE	REAL	TR1	5	UG/L	U	V	0.93	1	21900	D&D Bldg 886/865
40999	12/12/01	GW07882RG	2-HEXANONE	REAL	TR1	5	UG/L	U	V	0.7	1		D&D Bldg 886/865
40999	12/12/01	GW07882RG	4-ISOPROPYLTOLUENE	REAL	TR1	1	UG/L	U	UJ	0.3	1		D&D Bldg 886/865
40999	12/12/01	GW07882RG	4-METHYL-2-PENTANONE	REAL	TR1	5	UG/L	U	V	0.79	1	2920	D&D Bldg 886/865
40999	12/12/01	GW07882RG	ACETONE	REAL	TR1	10	UG/L	U	V	1.9	1	3650	D&D Bldg 886/865
40999	12/12/01	GW07882RG	BENZENE	REAL	TR1	1	UG/L	U	UJ	0.21	1	5	D&D Bldg 886/865
40999	12/12/01	GW07882RG	BENZENE, 1,2,4-TRIMETHYL	REAL	TR1	1	UG/L	U	UJ	0.22	1		D&D Bldg 886/865
40999	12/12/01	GW07882RG	BENZENE, 1,3,5-TRIMETHYL-	REAL	TR1	1	UG/L	U	UJ	0.29	1		D&D Bldg 886/865
40999	12/12/01	GW07882RG	BROMOBENZENE	REAL	TR1	1	UG/L	U	UJ	0.24	1		D&D Bldg 886/865
40999	12/12/01	GW07882RG	BROMOCHLOROMETHANE	REAL	TR1	1	UG/L	U	V	0.21	1		D&D Bldg 886/865
40999	12/12/01	GW07882RG	BROMODICHLOROMETHANE	REAL	TR1	1	UG/L	U	V	0.22	1	100	D&D Bldg 886/865
40999	12/12/01	GW07882RG	BROMOFORM	REAL	TR1	1	UG/L	U	V	0.32	1	100	D&D Bldg 886/865
40999	12/12/01	GW07882RG	BROMOMETHANE	REAL	TR1	1	UG/L	U	V	0.3	1	51.1	D&D Bldg 886/865
40999	12/12/01	GW07882RG	CARBON DISULFIDE	REAL	TR1	1	UG/L	U	V	0.19	1	3650	D&D Bldg 886/865
40999	12/12/01	GW07882RG	CARBON TETRACHLORIDE	REAL	TR1	1	UG/L	U	V	0.19	1	5	D&D Bldg 886/865
40999	12/12/01	GW07882RG	CHLORO BENZENE	REAL	TR1	1	UG/L	U	UJ	0.3	1	100	D&D Bldg 886/865
40999	12/12/01	GW07882RG	CHLOROETHANE	REAL	TR1	1	UG/L	U	V	0.25	1	29.4	D&D Bldg 886/865
40999	12/12/01	GW07882RG	CHLOROFORM	REAL	TR1	1	UG/L	U	V	0.23	1	100	D&D Bldg 886/865
40999	12/12/01	GW07882RG	CHLOROMETHANE	REAL	TR1	1	UG/L	U	V	0.3	1	6.55	D&D Bldg 886/865
40999	12/12/01	GW07882RG	cis-1,2-DICHLOROETHENE	REAL	TR1	1	UG/L	U	V	0.26	1	70	D&D Bldg 886/865
40999	12/12/01	GW07882RG	cis-1,3-DICHLOROPROPENE	REAL	TR1	1	UG/L	U	V	0.28	1	0.473	D&D Bldg 886/865
40999	12/12/01	GW07882RG	DIBROMOCHLOROMETHANE	REAL	TR1	1	UG/L	U	V	0.38	1	1.01	D&D Bldg 886/865
40999	12/12/01	GW07882RG	DIBROMOMETHANE	REAL	TR1	1	UG/L	U	V	0.44	1		D&D Bldg 886/865

Appendix A: Groundwater Analytical Data - Dissolved Gases and Volatile Organic Compounds Fourth Quarter 2001

Location	Sample Date	Sample #	Analyte	QC Type	Result Type	Result	Units	Lab Qual	Valid-ation	Detect Limit	Dilu-tion	Tier II	IMP Well Class
40999	12/12/01	GW07882RG	DICHLORODIFLUOROMETHANE	REAL	TR1	1	UG/L	U	V	0.23	1		D&D Bldg 886/865
40999	12/12/01	GW07882RG	ETHYLBENZENE	REAL	TR1	1	UG/L	U	UJ	0.28	1	700	D&D Bldg 886/865
40999	12/12/01	GW07882RG	HEXACHLOROBUTADIENE	REAL	TR1	1	UG/L	U	V	0.29	1	1.09	D&D Bldg 886/865
40999	12/12/01	GW07882RG	ISOPROPYLBENZENE	REAL	TR1	1	UG/L	U	UJ	0.31	1		D&D Bldg 886/865
40999	12/12/01	GW07882RG	METHYLENE CHLORIDE	REAL	TR1	1	UG/L	U	V	0.89	1	5	D&D Bldg 886/865
40999	12/12/01	GW07882RG	NAPHTHALENE	REAL	TR1	1	UG/L	U	UJ	0.15	1	1460	D&D Bldg 886/865
40999	12/12/01	GW07882RG	n-BUTYLBENZENE	REAL	TR1	1	UG/L	U	UJ	0.26	1		D&D Bldg 886/865
40999	12/12/01	GW07882RG	n-PROPYLBENZENE	REAL	TR1	1	UG/L	U	UJ	0.23	1		D&D Bldg 886/865
40999	12/12/01	GW07882RG	o-CHLOROTOLUENE	REAL	TR1	1	UG/L	U	UJ	0.31	1		D&D Bldg 886/865
40999	12/12/01	GW07882RG	p-CHLOROTOLUENE	REAL	TR1	1	UG/L	U	UJ	0.25	1		D&D Bldg 886/865
40999	12/12/01	GW07882RG	PROPANE, 1,2-DIBROMO-3-CHLORO-	REAL	TR1	1	UG/L	U	V	0.25	1	0.2	D&D Bldg 886/865
40999	12/12/01	GW07882RG	sec-BUTYLBENZENE	REAL	TR1	1	UG/L	U	UJ	0.26	1		D&D Bldg 886/865
40999	12/12/01	GW07882RG	STYRENE	REAL	TR1	1	UG/L	U	UJ	0.27	1	100	D&D Bldg 886/865
40999	12/12/01	GW07882RG	tert-BUTYLBENZENE	REAL	TR1	1	UG/L	U	UJ	0.29	1		D&D Bldg 886/865
40999	12/12/01	GW07882RG	TETRACHLOROETHENE	REAL	TR1	1	UG/L	U	V	0.36	1	5	D&D Bldg 886/865
40999	12/12/01	GW07882RG	TOLUENE	REAL	TR1	1	UG/L	U	UJ	0.29	1	1000	D&D Bldg 886/865
40999	12/12/01	GW07882RG	TOTAL XYLENES	REAL	TR1	1	UG/L	U	UJ	0.95	1	10000	D&D Bldg 886/865
40999	12/12/01	GW07882RG	trans-1,2-DICHLOROETHENE	REAL	TR1	0.5	UG/L	U	V	0.27	1	70	D&D Bldg 886/865
40999	12/12/01	GW07882RG	trans-1,3-DICHLOROPROPENE	REAL	TR1	1	UG/L	U	V	0.42	1	0.473	D&D Bldg 886/865
40999	12/12/01	GW07882RG	TRICHLOROETHENE	REAL	TR1	1	UG/L	U	V	0.22	1	5	D&D Bldg 886/865
40999	12/12/01	GW07882RG	TRICHLOROFLUOROMETHANE	REAL	TR1	1	UG/L	U	V	0.28	1		D&D Bldg 886/865
40999	12/12/01	GW07882RG	VINYL CHLORIDE	REAL	TR1	1	UG/L	U	V	0.21	1	2	D&D Bldg 886/865
55901	12/17/01	GW07871RG	1,1,1,2-TETRACHLOROETHANE	REAL	TR1	1	UG/L	U	V1	0.22	1		D&D Bldg 559
55901	12/17/01	GW07871RG	1,1,1-TRICHLOROETHANE	REAL	TR1	0.53	UG/L	J	V1	0.26	1	200	D&D Bldg 559
55901	12/17/01	GW07871RG	1,1,2,2-TETRACHLOROETHANE	REAL	TR1	1	UG/L	U	V1	0.31	1	0.426	D&D Bldg 559
55901	12/17/01	GW07871RG	1,1,2-TRICHLOROETHANE	REAL	TR1	1	UG/L	U	V1	0.39	1	5	D&D Bldg 559
55901	12/17/01	GW07871RG	1,1,2-TRICHLOROTRIFLUOROETHANE	REAL	TR1	14	UG/L		V1	0.21	1		D&D Bldg 559
55901	12/17/01	GW07871RG	1,1-DICHLOROETHANE	REAL	TR1	2.8	UG/L		V1	0.17	1	3650	D&D Bldg 559
55901	12/17/01	GW07871RG	1,1-DICHLOROETHENE	REAL	TR1	13	UG/L		V1	0.2	1	7	D&D Bldg 559
55901	12/17/01	GW07871RG	1,1-DICHLOROPROPENE	REAL	TR1	1	UG/L	U	V1	0.22	1		D&D Bldg 559
55901	12/17/01	GW07871RG	1,2,3-TRICHLOROBENZENE	REAL	TR1	1	UG/L	U	UJ1	0.16	1		D&D Bldg 559
55901	12/17/01	GW07871RG	1,2,3-TRICHLOROPROPANE	REAL	TR1	1	UG/L	U	V1	0.29	1		D&D Bldg 559
55901	12/17/01	GW07871RG	1,2,4-TRICHLOROBENZENE	REAL	TR1	1	UG/L	U	UJ1	0.2	1	70	D&D Bldg 559
55901	12/17/01	GW07871RG	1,2-DIBROMOETHANE	REAL	TR1	1	UG/L	U	V1	0.36	1		D&D Bldg 559
55901	12/17/01	GW07871RG	1,2-DICHLOROBENZENE	REAL	TR1	1	UG/L	U	UJ1	0.24	1	600	D&D Bldg 559
55901	12/17/01	GW07871RG	1,2-DICHLOROETHANE	REAL	TR1	0.57	UG/L	J	V1	0.28	1	5	D&D Bldg 559
55901	12/17/01	GW07871RG	1,2-DICHLOROPROPANE	REAL	TR1	1	UG/L	U	V1	0.21	1	5	D&D Bldg 559
55901	12/17/01	GW07871RG	1,3-DICHLOROBENZENE	REAL	TR1	1	UG/L	U	UJ1	0.26	1	600	D&D Bldg 559
55901	12/17/01	GW07871RG	1,3-DICHLOROPROPANE	REAL	TR1	1	UG/L	U	V1	0.26	1		D&D Bldg 559
55901	12/17/01	GW07871RG	1,4-DICHLOROBENZENE	REAL	TR1	1	UG/L	U	UJ1	0.24	1	75	D&D Bldg 559
55901	12/17/01	GW07871RG	2,2-DICHLOROPROPANE	REAL	TR1	1	UG/L	U	V1	0.21	1		D&D Bldg 559
55901	12/17/01	GW07871RG	2-BUTANONE	REAL	TR1	5	UG/L	U	V1	0.93	1	21900	D&D Bldg 559
55901	12/17/01	GW07871RG	2-HEXANONE	REAL	TR1	5	UG/L	U	V1	0.7	1		D&D Bldg 559
55901	12/17/01	GW07871RG	4-ISOPROPYLTOLUENE	REAL	TR1	1	UG/L	U	UJ1	0.3	1		D&D Bldg 559
55901	12/17/01	GW07871RG	4-METHYL-2-PENTANONE	REAL	TR1	5	UG/L	U	V1	0.79	1	2920	D&D Bldg 559
55901	12/17/01	GW07871RG	ACETONE	REAL	TR1	10	UG/L	U	V1	1.9	1	3650	D&D Bldg 559
55901	12/17/01	GW07871RG	BENZENE	REAL	TR1	1	UG/L	U	UJ1	0.21	1	5	D&D Bldg 559
55901	12/17/01	GW07871RG	BENZENE, 1,2,4-TRIMETHYL	REAL	TR1	1	UG/L	U	UJ1	0.22	1		D&D Bldg 559
55901	12/17/01	GW07871RG	BENZENE, 1,3,5-TRIMETHYL-	REAL	TR1	1	UG/L	U	UJ1	0.29	1		D&D Bldg 559
55901	12/17/01	GW07871RG	BROMOBENZENE	REAL	TR1	1	UG/L	U	UJ1	0.24	1		D&D Bldg 559
55901	12/17/01	GW07871RG	BROMOCHLOROMETHANE	REAL	TR1	1	UG/L	U	V1	0.21	1		D&D Bldg 559
55901	12/17/01	GW07871RG	BROMODICHLOROMETHANE	REAL	TR1	0.68	UG/L	J	V1	0.22	1	100	D&D Bldg 559
55901	12/17/01	GW07871RG	BROMOFORM	REAL	TR1	1	UG/L	U	V1	0.32	1	100	D&D Bldg 559
55901	12/17/01	GW07871RG	BROMOMETHANE	REAL	TR1	1	UG/L	U	V1	0.3	1	51.1	D&D Bldg 559
55901	12/17/01	GW07871RG	CARBON DISULFIDE	REAL	TR1	1	UG/L	U	V1	0.19	1	3650	D&D Bldg 559
55901	12/17/01	GW07871RG	CARBON TETRACHLORIDE	REAL	TR1	49	UG/L		V1	0.19	1	5	D&D Bldg 559



Appendix A: Groundwater Analytical Data - Dissolved Gasses and Volatile Organic Compounds Fourth Quarter 2001

Location	Sample Date	Sample #	Analyte	QC Type	Result Type	Result	Units	Lab Qual	Valid-ation	Detect Limit	Dilu-tion	Tier II	IMP Well Class
55901	12/17/01	GW07871RG	CHLOROBENZENE	REAL	TR1	1	UG/L	U	UJ1	0.3	1	100	D&D Bldg 559
55901	12/17/01	GW07871RG	CHLOROETHANE	REAL	TR1	1	UG/L	U	V1	0.25	1	29.4	D&D Bldg 559
55901	12/17/01	GW07871RG	CHLOROFORM	REAL	TR1	24	UG/L		V1	0.23	1	100	D&D Bldg 559
55901	12/17/01	GW07871RG	CHLOROMETHANE	REAL	TR1	1	UG/L	U	V1	0.3	1	6.55	D&D Bldg 559
55901	12/17/01	GW07871RG	cis-1,2-DICHLOROETHENE	REAL	TR1	1.9	UG/L		V1	0.26	1	70	D&D Bldg 559
55901	12/17/01	GW07871RG	cis-1,3-DICHLOROPROPENE	REAL	TR1	1	UG/L	U	V1	0.28	1	0.473	D&D Bldg 559
55901	12/17/01	GW07871RG	DIBROMOCHLOROMETHANE	REAL	TR1	1	UG/L	U	V1	0.38	1	1.01	D&D Bldg 559
55901	12/17/01	GW07871RG	DIBROMOMETHANE	REAL	TR1	1	UG/L	U	V1	0.44	1		D&D Bldg 559
55901	12/17/01	GW07871RG	DICHLORODIFLUOROMETHANE	REAL	TR1	1	UG/L	U	V1	0.23	1		D&D Bldg 559
55901	12/17/01	GW07871RG	ETHYLBENZENE	REAL	TR1	1	UG/L	U	UJ1	0.28	1	700	D&D Bldg 559
55901	12/17/01	GW07871RG	HEXACHLOROBUTADIENE	REAL	TR1	1	UG/L	U	V1	0.29	1	1.09	D&D Bldg 559
55901	12/17/01	GW07871RG	ISOPROPYLBENZENE	REAL	TR1	1	UG/L	U	UJ1	0.31	1		D&D Bldg 559
55901	12/17/01	GW07871RG	METHYLENE CHLORIDE	REAL	TR1	1	UG/L	U	V1	0.89	1	5	D&D Bldg 559
55901	12/17/01	GW07871RG	NAPHTHALENE	REAL	TR1	1	UG/L	U	UJ1	0.15	1	1460	D&D Bldg 559
55901	12/17/01	GW07871RG	n-BUTYLBENZENE	REAL	TR1	1	UG/L	U	UJ1	0.26	1		D&D Bldg 559
55901	12/17/01	GW07871RG	n-PROPYLBENZENE	REAL	TR1	1	UG/L	U	UJ1	0.23	1		D&D Bldg 559
55901	12/17/01	GW07871RG	o-CHLOROTOLUENE	REAL	TR1	1	UG/L	U	UJ1	0.31	1		D&D Bldg 559
55901	12/17/01	GW07871RG	p-CHLOROTOLUENE	REAL	TR1	1	UG/L	U	UJ1	0.25	1		D&D Bldg 559
55901	12/17/01	GW07871RG	PROPANE, 1,2-DIBROMO-3-CHLORO-	REAL	TR1	1	UG/L	U	V1	0.25	1	0.2	D&D Bldg 559
55901	12/17/01	GW07871RG	sec-BUTYLBENZENE	REAL	TR1	1	UG/L	U	UJ1	0.26	1		D&D Bldg 559
55901	12/17/01	GW07871RG	STYRENE	REAL	TR1	1	UG/L	U	UJ1	0.27	1	100	D&D Bldg 559
55901	12/17/01	GW07871RG	tert-BUTYLBENZENE	REAL	TR1	1	UG/L	U	UJ1	0.29	1		D&D Bldg 559
55901	12/17/01	GW07871RG	TETRACHLOROETHENE	REAL	TR1	5.5	UG/L		V1	0.36	1	5	D&D Bldg 559
55901	12/17/01	GW07871RG	TOLUENE	REAL	TR1	1	UG/L	U	UJ1	0.29	1	1000	D&D Bldg 559
55901	12/17/01	GW07871RG	TOTAL XYLENES	REAL	TR1	1	UG/L	U	UJ1	0.95	1	10000	D&D Bldg 559
55901	12/17/01	GW07871RG	trans-1,2-DICHLOROETHENE	REAL	TR1	0.5	UG/L	U	V1	0.27	1	70	D&D Bldg 559
55901	12/17/01	GW07871RG	trans-1,3-DICHLOROPROPENE	REAL	TR1	1	UG/L	U	V1	0.42	1	0.473	D&D Bldg 559
55901	12/17/01	GW07871RG	TRICHLOROETHENE	REAL	TR1	14	UG/L		V1	0.22	1	5	D&D Bldg 559
55901	12/17/01	GW07871RG	TRICHLOROFLUOROMETHANE	REAL	TR1	1	UG/L	U	V1	0.28	1		D&D Bldg 559
55901	12/17/01	GW07871RG	VINYL CHLORIDE	REAL	TR1	1	UG/L	U	V1	0.21	1	2	D&D Bldg 559
56201	12/17/01	GW07876RG	1,1,1,2-TETRACHLOROETHANE	REAL	TR1	1	UG/L	U	V1	0.22	1		D&D Bldg 559
56201	12/17/01	GW07876RG	1,1,1-TRICHLOROETHANE	REAL	TR1	0.36	UG/L	J	V1	0.26	1	200	D&D Bldg 559
56201	12/17/01	GW07876RG	1,1,2,2-TETRACHLOROETHANE	REAL	TR1	1	UG/L	U	V1	0.31	1	0.426	D&D Bldg 559
56201	12/17/01	GW07876RG	1,1,2-TRICHLOROETHANE	REAL	TR1	1	UG/L	U	V1	0.39	1	5	D&D Bldg 559
56201	12/17/01	GW07876RG	1,1,2-TRICHLOROTRIFLUOROETHANE	REAL	TR1	6.3	UG/L		V1	0.21	1		D&D Bldg 559
56201	12/17/01	GW07876RG	1,1-DICHLOROETHANE	REAL	TR1	1.3	UG/L		V1	0.17	1	3650	D&D Bldg 559
56201	12/17/01	GW07876RG	1,1-DICHLOROETHENE	REAL	TR1	8.2	UG/L		V1	0.2	1	7	D&D Bldg 559
56201	12/17/01	GW07876RG	1,1-DICHLOROPROPENE	REAL	TR1	1	UG/L	U	V1	0.22	1		D&D Bldg 559
56201	12/17/01	GW07876RG	1,2,3-TRICHLOROBENZENE	REAL	TR1	1	UG/L	U	UJ1	0.16	1		D&D Bldg 559
56201	12/17/01	GW07876RG	1,2,3-TRICHLOROPROPANE	REAL	TR1	1	UG/L	U	V1	0.29	1		D&D Bldg 559
56201	12/17/01	GW07876RG	1,2,4-TRICHLOROBENZENE	REAL	TR1	1	UG/L	U	UJ1	0.2	1	70	D&D Bldg 559
56201	12/17/01	GW07876RG	1,2-DIBROMOETHANE	REAL	TR1	1	UG/L	U	V1	0.36	1		D&D Bldg 559
56201	12/17/01	GW07876RG	1,2-DICHLOROBENZENE	REAL	TR1	1	UG/L	U	UJ1	0.24	1	600	D&D Bldg 559
56201	12/17/01	GW07876RG	1,2-DICHLOROETHANE	REAL	TR1	0.32	UG/L	J	V1	0.28	1	5	D&D Bldg 559
56201	12/17/01	GW07876RG	1,2-DICHLOROPROPANE	REAL	TR1	1	UG/L	U	V1	0.21	1	5	D&D Bldg 559
56201	12/17/01	GW07876RG	1,3-DICHLOROBENZENE	REAL	TR1	1	UG/L	U	UJ1	0.26	1	600	D&D Bldg 559
56201	12/17/01	GW07876RG	1,3-DICHLOROPROPANE	REAL	TR1	1	UG/L	U	V1	0.26	1		D&D Bldg 559
56201	12/17/01	GW07876RG	1,4-DICHLOROBENZENE	REAL	TR1	1	UG/L	U	UJ1	0.24	1	75	D&D Bldg 559
56201	12/17/01	GW07876RG	2,2-DICHLOROPROPANE	REAL	TR1	1	UG/L	U	V1	0.21	1		D&D Bldg 559
56201	12/17/01	GW07876RG	2-BUTANONE	REAL	TR1	5	UG/L	U	V1	0.93	1	21900	D&D Bldg 559
56201	12/17/01	GW07876RG	2-HEXANONE	REAL	TR1	5	UG/L	U	V1	0.7	1		D&D Bldg 559
56201	12/17/01	GW07876RG	4-ISOPROPYLTOLUENE	REAL	TR1	1	UG/L	U	UJ1	0.3	1		D&D Bldg 559
56201	12/17/01	GW07876RG	4-METHYL-2-PENTANONE	REAL	TR1	5	UG/L	U	V1	0.79	1	2920	D&D Bldg 559
56201	12/17/01	GW07876RG	ACETONE	REAL	TR1	10	UG/L	U	V1	1.9	1	3650	D&D Bldg 559
56201	12/17/01	GW07876RG	BENZENE	REAL	TR1	1	UG/L	U	UJ1	0.21	1	5	D&D Bldg 559
56201	12/17/01	GW07876RG	BENZENE, 1,2,4-TRIMETHYL	REAL	TR1	1	UG/L	U	UJ1	0.22	1		D&D Bldg 559

**Appendix A: Groundwater Analytical Data - Dissolved Gasses and Volatile Organic Compounds Fourth Quarter 2001**

Location	Sample Date	Sample #	Analyte	QC Type	Result Type	Result	Units	Lab Qual	Valid-ation	Detect Limit	Dilu-tion	Tier II	IMP Well Class
56201	12/17/01	GW07876RG	BENZENE, 1,3,5-TRIMETHYL-	REAL	TR1	1	UG/L	U	UJ1	0.29	1		D&D Bldg 559
56201	12/17/01	GW07876RG	BROMOBENZENE	REAL	TR1	1	UG/L	U	UJ1	0.24	1		D&D Bldg 559
56201	12/17/01	GW07876RG	BROMOCHLOROMETHANE	REAL	TR1	1	UG/L	U	V1	0.21	1		D&D Bldg 559
56201	12/17/01	GW07876RG	BROMODICHLOROMETHANE	REAL	TR1	1	UG/L	U	V1	0.22	1	100	D&D Bldg 559
56201	12/17/01	GW07876RG	BROMOFORM	REAL	TR1	1	UG/L	U	V1	0.32	1	100	D&D Bldg 559
56201	12/17/01	GW07876RG	BROMOMETHANE	REAL	TR1	1	UG/L	U	V1	0.3	1	51.1	D&D Bldg 559
56201	12/17/01	GW07876RG	CARBON DISULFIDE	REAL	TR1	1	UG/L	U	V1	0.19	1	3650	D&D Bldg 559
56201	12/17/01	GW07876RG	CARBON TETRACHLORIDE	REAL	TR1	37	UG/L		V1	0.19	1	5	D&D Bldg 559
56201	12/17/01	GW07876RG	CHLOROBENZENE	REAL	TR1	1	UG/L	U	UJ1	0.3	1	100	D&D Bldg 559
56201	12/17/01	GW07876RG	CHLOROETHANE	REAL	TR1	1	UG/L	U	V1	0.25	1	29.4	D&D Bldg 559
56201	12/17/01	GW07876RG	CHLOROFORM	REAL	TR1	9.6	UG/L		V1	0.23	1	100	D&D Bldg 559
56201	12/17/01	GW07876RG	CHLOROMETHANE	REAL	TR1	1	UG/L	U	V1	0.3	1	6.55	D&D Bldg 559
56201	12/17/01	GW07876RG	cis-1,2-DICHLOROETHENE	REAL	TR1	1.3	UG/L		V1	0.26	1	70	D&D Bldg 559
56201	12/17/01	GW07876RG	cis-1,3-DICHLOROPROPENE	REAL	TR1	1	UG/L	U	V1	0.28	1	0.473	D&D Bldg 559
56201	12/17/01	GW07876RG	DIBROMOCHLOROMETHANE	REAL	TR1	1	UG/L	U	V1	0.38	1	1.01	D&D Bldg 559
56201	12/17/01	GW07876RG	DIBROMOMETHANE	REAL	TR1	1	UG/L	U	V1	0.44	1		D&D Bldg 559
56201	12/17/01	GW07876RG	DICHLORODIFLUOROMETHANE	REAL	TR1	1	UG/L	U	V1	0.23	1		D&D Bldg 559
56201	12/17/01	GW07876RG	ETHYLBENZENE	REAL	TR1	1	UG/L	U	UJ1	0.28	1	700	D&D Bldg 559
56201	12/17/01	GW07876RG	HEXACHLOROBUTADIENE	REAL	TR1	1	UG/L	U	V1	0.29	1	1.09	D&D Bldg 559
56201	12/17/01	GW07876RG	ISOPROPYLBENZENE	REAL	TR1	1	UG/L	U	UJ1	0.31	1		D&D Bldg 559
56201	12/17/01	GW07876RG	METHYLENE CHLORIDE	REAL	TR1	1	UG/L	U	V1	0.89	1	5	D&D Bldg 559
56201	12/17/01	GW07876RG	NAPHTHALENE	REAL	TR1	1	UG/L	U	UJ1	0.15	1	1460	D&D Bldg 559
56201	12/17/01	GW07876RG	n-BUTYLBENZENE	REAL	TR1	1	UG/L	U	UJ1	0.26	1		D&D Bldg 559
56201	12/17/01	GW07876RG	n-PROPYLBENZENE	REAL	TR1	1	UG/L	U	UJ1	0.23	1		D&D Bldg 559
56201	12/17/01	GW07876RG	o-CHLOROTOLUENE	REAL	TR1	1	UG/L	U	UJ1	0.31	1		D&D Bldg 559
56201	12/17/01	GW07876RG	p-CHLOROTOLUENE	REAL	TR1	1	UG/L	U	UJ1	0.25	1		D&D Bldg 559
56201	12/17/01	GW07876RG	PROPANE, 1,2-DIBROMO-3-CHLORO-	REAL	TR1	1	UG/L	U	V1	0.25	1	0.2	D&D Bldg 559
56201	12/17/01	GW07876RG	sec-BUTYLBENZENE	REAL	TR1	1	UG/L	U	UJ1	0.26	1		D&D Bldg 559
56201	12/17/01	GW07876RG	STYRENE	REAL	TR1	1	UG/L	U	UJ1	0.27	1	100	D&D Bldg 559
56201	12/17/01	GW07876RG	tert-BUTYLBENZENE	REAL	TR1	1	UG/L	U	UJ1	0.29	1		D&D Bldg 559
56201	12/17/01	GW07876RG	TETRACHLOROETHENE	REAL	TR1	3.6	UG/L		V1	0.36	1	5	D&D Bldg 559
56201	12/17/01	GW07876RG	TOLUENE	REAL	TR1	1	UG/L	U	UJ1	0.29	1	1000	D&D Bldg 559
56201	12/17/01	GW07876RG	TOTAL XYLENES	REAL	TR1	1	UG/L	U	UJ1	0.95	1	10000	D&D Bldg 559
56201	12/17/01	GW07876RG	trans-1,2-DICHLOROETHENE	REAL	TR1	0.5	UG/L	U	V1	0.27	1	70	D&D Bldg 559
56201	12/17/01	GW07876RG	trans-1,3-DICHLOROPROPENE	REAL	TR1	1	UG/L	U	V1	0.42	1	0.473	D&D Bldg 559
56201	12/17/01	GW07876RG	TRICHLOROETHENE	REAL	TR1	20	UG/L		V1	0.22	1	5	D&D Bldg 559
56201	12/17/01	GW07876RG	TRICHLOROFLUOROMETHANE	REAL	TR1	1	UG/L	U	V1	0.28	1		D&D Bldg 559
56201	12/17/01	GW07876RG	VINYL CHLORIDE	REAL	TR1	1	UG/L	U	V1	0.21	1	2	D&D Bldg 559
56301	12/12/01	GW07877RG	1,1,1,2-TETRACHLOROETHANE	REAL	TR1	1	UG/L	U	V	0.22	1		D&D Bldg 559
56301	12/12/01	GW07877RG	1,1,1-TRICHLOROETHANE	REAL	TR1	1.7	UG/L		V	0.26	1	200	D&D Bldg 559
56301	12/12/01	GW07877RG	1,1,2,2-TETRACHLOROETHANE	REAL	TR1	1	UG/L	U	V	0.31	1	0.426	D&D Bldg 559
56301	12/12/01	GW07877RG	1,1,2-TRICHLOROETHANE	REAL	TR1	1	UG/L	U	V	0.39	1	5	D&D Bldg 559
56301	12/12/01	GW07877RG	1,1,2-TRICHLOROTRIFLUOROETHANE	REAL	TR1	12	UG/L		V	0.21	1		D&D Bldg 559
56301	12/12/01	GW07877RG	1,1-DICHLOROETHANE	REAL	TR1	8.9	UG/L		V	0.17	1	3650	D&D Bldg 559
56301	12/12/01	GW07877RG	1,1-DICHLOROETHENE	REAL	TR1	21	UG/L		V	0.2	1	7	D&D Bldg 559
56301	12/12/01	GW07877RG	1,1-DICHLOROPROPENE	REAL	TR1	1	UG/L	U	V	0.22	1		D&D Bldg 559
56301	12/12/01	GW07877RG	1,2,3-TRICHLOROBENZENE	REAL	TR1	3.3	UG/L		J	0.16	1		D&D Bldg 559
56301	12/12/01	GW07877RG	1,2,3-TRICHLOROPROPANE	REAL	TR1	1	UG/L	U	V	0.29	1		D&D Bldg 559
56301	12/12/01	GW07877RG	1,2,4-TRICHLOROBENZENE	REAL	TR1	1	UG/L	U	UJ	0.2	1	70	D&D Bldg 559
56301	12/12/01	GW07877RG	1,2-DIBROMOETHANE	REAL	TR1	1	UG/L	U	V	0.36	1		D&D Bldg 559
56301	12/12/01	GW07877RG	1,2-DICHLOROBENZENE	REAL	TR1	1	UG/L	U	UJ	0.24	1	600	D&D Bldg 559
56301	12/12/01	GW07877RG	1,2-DICHLOROETHANE	REAL	TR1	1.4	UG/L		V	0.28	1	5	D&D Bldg 559
56301	12/12/01	GW07877RG	1,2-DICHLOROPROPANE	REAL	TR1	1	UG/L	U	V	0.21	1	5	D&D Bldg 559
56301	12/12/01	GW07877RG	1,3-DICHLOROBENZENE	REAL	TR1	1	UG/L	U	UJ	0.26	1	600	D&D Bldg 559
56301	12/12/01	GW07877RG	1,3-DICHLOROPROPANE	REAL	TR1	1	UG/L	U	V	0.26	1		D&D Bldg 559
56301	12/12/01	GW07877RG	1,4-DICHLOROBENZENE	REAL	TR1	1	UG/L	U	UJ	0.24	1	75	D&D Bldg 559

(TIC) = Tentatively Identified Compound

Appendix A: Groundwater Analytical Data - Dissolved Gasses and Volatile Organic Compounds Fourth Quarter 2001

Location	Sample Date	Sample #	Analyte	QC Type	Result Type	Result	Units	Lab Qual	Valid-ation	Detect Limit	Dilution	Tier II	IMP Well Class
56301	12/12/01	GW07877RG	2,2-DICHLOROPROPANE	REAL	TR1	1	UG/L	U	V	0.21	1		D&D Bldg 559
56301	12/12/01	GW07877RG	2-BUTANONE	REAL	TR1	5	UG/L	U	V	0.93	1	21900	D&D Bldg 559
56301	12/12/01	GW07877RG	2-HEXANONE	REAL	TR1	5	UG/L	U	V	0.7	1		D&D Bldg 559
56301	12/12/01	GW07877RG	4-ISOPROPYLTOLUENE	REAL	TR1	1	UG/L	U	UJ	0.3	1		D&D Bldg 559
56301	12/12/01	GW07877RG	4-METHYL-2-PENTANONE	REAL	TR1	5	UG/L	U	V	0.79	1	2920	D&D Bldg 559
56301	12/12/01	GW07877RG	ACETONE	REAL	TR1	3.9	UG/L	J	V	1.9	1	3650	D&D Bldg 559
56301	12/12/01	GW07877RG	BENZENE	REAL	TR1	1	UG/L	U	UJ	0.21	1	5	D&D Bldg 559
56301	12/12/01	GW07877RG	BENZENE, 1,2,4-TRIMETHYL	REAL	TR1	1	UG/L	U	UJ	0.22	1		D&D Bldg 559
56301	12/12/01	GW07877RG	BENZENE, 1,3,5-TRIMETHYL-	REAL	TR1	1	UG/L	U	UJ	0.29	1		D&D Bldg 559
56301	12/12/01	GW07877RG	BROMOBENZENE	REAL	TR1	1	UG/L	U	UJ	0.24	1		D&D Bldg 559
56301	12/12/01	GW07877RG	BROMOCHLOROMETHANE	REAL	TR1	1	UG/L	U	V	0.21	1		D&D Bldg 559
56301	12/12/01	GW07877RG	BROMODICHLOROMETHANE	REAL	TR1	1	UG/L	U	V	0.22	1	100	D&D Bldg 559
56301	12/12/01	GW07877RG	BROMOFORM	REAL	TR1	1	UG/L	U	V	0.32	1	100	D&D Bldg 559
56301	12/12/01	GW07877RG	BROMOMETHANE	REAL	TR1	1	UG/L	U	V	0.3	1	51.1	D&D Bldg 559
56301	12/12/01	GW07877RG	CARBON DISULFIDE	REAL	TR1	1	UG/L	U	V	0.19	1	3650	D&D Bldg 559
56301	12/12/01	GW07877RG	CARBON TETRACHLORIDE	REAL	DL1	44	UG/L		V	0.38	2	5	D&D Bldg 559
56301	12/12/01	GW07877RG	CHLOROBENZENE	REAL	TR1	1	UG/L	U	UJ	0.3	1	100	D&D Bldg 559
56301	12/12/01	GW07877RG	CHLOROETHANE	REAL	TR1	1	UG/L	U	V	0.25	1	29.4	D&D Bldg 559
56301	12/12/01	GW07877RG	CHLOROFORM	REAL	TR1	23	UG/L		V	0.23	1	100	D&D Bldg 559
56301	12/12/01	GW07877RG	CHLOROMETHANE	REAL	TR1	1	UG/L	U	V	0.3	1	6.55	D&D Bldg 559
56301	12/12/01	GW07877RG	cis-1,2-DICHLOROETHENE	REAL	TR1	2.4	UG/L		V	0.26	1	70	D&D Bldg 559
56301	12/12/01	GW07877RG	cis-1,3-DICHLOROPROPENE	REAL	TR1	1	UG/L	U	V	0.28	1	0.473	D&D Bldg 559
56301	12/12/01	GW07877RG	DIBROMOCHLOROMETHANE	REAL	TR1	1	UG/L	U	V	0.38	1	1.01	D&D Bldg 559
56301	12/12/01	GW07877RG	DIBROMOMETHANE	REAL	TR1	1	UG/L	U	V	0.44	1		D&D Bldg 559
56301	12/12/01	GW07877RG	DICHLORODIFLUOROMETHANE	REAL	TR1	1	UG/L	U	V	0.23	1		D&D Bldg 559
56301	12/12/01	GW07877RG	ETHANE, 1,2-DICHLORO-1,1,2-T (TIC)	REAL	TR1	2.6	UG/L	J	V		1		D&D Bldg 559
56301	12/12/01	GW07877RG	ETHYLBENZENE	REAL	TR1	1	UG/L	U	UJ	0.28	1	700	D&D Bldg 559
56301	12/12/01	GW07877RG	HEXACHLOROBUTADIENE	REAL	TR1	1	UG/L	U	V	0.29	1	1.09	D&D Bldg 559
56301	12/12/01	GW07877RG	ISOPROPYLBENZENE	REAL	TR1	1	UG/L	U	UJ	0.31	1		D&D Bldg 559
56301	12/12/01	GW07877RG	METHYLENE CHLORIDE	REAL	TR1	1	UG/L	U	V	0.89	1	5	D&D Bldg 559
56301	12/12/01	GW07877RG	NAPHTHALENE	REAL	TR1	1	UG/L	U	UJ	0.15	1	1460	D&D Bldg 559
56301	12/12/01	GW07877RG	n-BUTYLBENZENE	REAL	TR1	1	UG/L	U	UJ	0.26	1		D&D Bldg 559
56301	12/12/01	GW07877RG	n-PROPYLBENZENE	REAL	TR1	1	UG/L	U	UJ	0.23	1		D&D Bldg 559
56301	12/12/01	GW07877RG	o-CHLOROTOLUENE	REAL	TR1	1	UG/L	U	UJ	0.31	1		D&D Bldg 559
56301	12/12/01	GW07877RG	p-CHLOROTOLUENE	REAL	TR1	1	UG/L	U	UJ	0.25	1		D&D Bldg 559
56301	12/12/01	GW07877RG	PROPANE, 1,2-DIBROMO-3-CHLORO-	REAL	TR1	1	UG/L	U	V	0.25	1	0.2	D&D Bldg 559
56301	12/12/01	GW07877RG	sec-BUTYLBENZENE	REAL	TR1	1	UG/L	U	UJ	0.26	1		D&D Bldg 559
56301	12/12/01	GW07877RG	STYRENE	REAL	TR1	1	UG/L	U	UJ	0.27	1	100	D&D Bldg 559
56301	12/12/01	GW07877RG	tert-BUTYLBENZENE	REAL	TR1	1	UG/L	U	UJ	0.29	1		D&D Bldg 559
56301	12/12/01	GW07877RG	TETRACHLOROETHENE	REAL	TR1	9.7	UG/L		V	0.36	1	5	D&D Bldg 559
56301	12/12/01	GW07877RG	TOLUENE	REAL	TR1	1	UG/L	U	UJ	0.29	1	1000	D&D Bldg 559
56301	12/12/01	GW07877RG	TOTAL XYLENES	REAL	TR1	1	UG/L	U	UJ	0.95	1	10000	D&D Bldg 559
56301	12/12/01	GW07877RG	trans-1,2-DICHLOROETHENE	REAL	TR1	0.5	UG/L	U	V	0.27	1	70	D&D Bldg 559
56301	12/12/01	GW07877RG	trans-1,3-DICHLOROPROPENE	REAL	TR1	1	UG/L	U	V	0.42	1	0.473	D&D Bldg 559
56301	12/12/01	GW07877RG	TRICHLOROETHENE	REAL	TR1	16	UG/L		V	0.22	1	5	D&D Bldg 559
56301	12/12/01	GW07877RG	TRICHLOROFLUOROMETHANE	REAL	TR1	1	UG/L	U	V	0.28	1		D&D Bldg 559
56301	12/12/01	GW07877RG	VINYL CHLORIDE	REAL	TR1	1	UG/L	U	V	0.21	1	2	D&D Bldg 559
5887	10/9/01	GW07815RG	1,1,1,2-TETRACHLOROETHANE	REAL	TR1	1	UG/L	U	V1	0.22	1		RCRA
5887	10/9/01	GW07815RG	1,1,1-TRICHLOROETHANE	REAL	TR1	1	UG/L	U	V1	0.26	1	200	RCRA
5887	10/9/01	GW07815RG	1,1,2,2-TETRACHLOROETHANE	REAL	TR1	1	UG/L	U	V1	0.31	1	0.426	RCRA
5887	10/9/01	GW07815RG	1,1,2-TRICHLOROETHANE	REAL	TR1	1	UG/L	U	V1	0.39	1	5	RCRA
5887	10/9/01	GW07815RG	1,1,2-TRICHLOROTRIFLUOROETHANE	REAL	TR1	1	UG/L	U	V1	0.21	1		RCRA
5887	10/9/01	GW07815RG	1,1-DICHLOROETHANE	REAL	TR1	1	UG/L	U	V1	0.17	1	3650	RCRA
5887	10/9/01	GW07815RG	1,1-DICHLOROETHENE	REAL	TR1	1	UG/L	U	V1	0.2	1	7	RCRA
5887	10/9/01	GW07815RG	1,1-DICHLOROPROPENE	REAL	TR1	1	UG/L	U	V1	0.22	1		RCRA
5887	10/9/01	GW07815RG	1,2,3-TRICHLOROBENZENE	REAL	TR1	1	UG/L	U	V1	0.16	1		RCRA

(TIC) = Tentatively Identified Compound

Appendix A: Groundwater Analytical Data - Dissolved Gasses and Volatile Organic Compounds Fourth Quarter 2001

Location	Sample Date	Sample #	Analyte	QC Type	Result Type	Result	Units	Lab Qual	Valid-ation	Detect Limit	Dilu-tion	Tier II	IMP Well Class
5887	10/9/01	GW07815RG	1,2,3-TRICHLOROPROPANE	REAL	TR1	1	UG/L	U	V1	0.29	1		RCRA
5887	10/9/01	GW07815RG	1,2,4-TRICHLOROBENZENE	REAL	TR1	1	UG/L	U	V1	0.2	1	70	RCRA
5887	10/9/01	GW07815RG	1,2-DIBROMOETHANE	REAL	TR1	1	UG/L	U	V1	0.36	1		RCRA
5887	10/9/01	GW07815RG	1,2-DICHLOROBENZENE	REAL	TR1	1	UG/L	U	V1	0.24	1	600	RCRA
5887	10/9/01	GW07815RG	1,2-DICHLOROETHANE	REAL	TR1	1	UG/L	U	V1	0.28	1	5	RCRA
5887	10/9/01	GW07815RG	1,2-DICHLOROPROPANE	REAL	TR1	1	UG/L	U	V1	0.21	1	5	RCRA
5887	10/9/01	GW07815RG	1,3-DICHLOROBENZENE	REAL	TR1	1	UG/L	U	V1	0.26	1	600	RCRA
5887	10/9/01	GW07815RG	1,3-DICHLOROPROPANE	REAL	TR1	1	UG/L	U	V1	0.26	1		RCRA
5887	10/9/01	GW07815RG	1,4-DICHLOROBENZENE	REAL	TR1	1	UG/L	U	V1	0.24	1	75	RCRA
5887	10/9/01	GW07815RG	2,2-DICHLOROPROPANE	REAL	TR1	1	UG/L	U	V1	0.21	1		RCRA
5887	10/9/01	GW07815RG	2-BUTANONE	REAL	TR1	5	UG/L	U	V1	0.93	1	21900	RCRA
5887	10/9/01	GW07815RG	2-HEXANONE	REAL	TR1	5	UG/L	U	UJ1	0.7	1		RCRA
5887	10/9/01	GW07815RG	4-ISOPROPYLTOLUENE	REAL	TR1	1	UG/L	U	V1	0.3	1		RCRA
5887	10/9/01	GW07815RG	4-METHYL-2-PENTANONE	REAL	TR1	5	UG/L	U	UJ1	0.79	1	2920	RCRA
5887	10/9/01	GW07815RG	ACETONE	REAL	TR1	10	UG/L	U	UJ1	1.9	1	3650	RCRA
5887	10/9/01	GW07815RG	BENZENE	REAL	TR1	1	UG/L	U	V1	0.21	1	5	RCRA
5887	10/9/01	GW07815RG	BENZENE, 1,2,4-TRIMETHYL	REAL	TR1	1	UG/L	U	V1	0.22	1		RCRA
5887	10/9/01	GW07815RG	BENZENE, 1,3,5-TRIMETHYL-	REAL	TR1	1	UG/L	U	V1	0.29	1		RCRA
5887	10/9/01	GW07815RG	BROMOBENZENE	REAL	TR1	1	UG/L	U	V1	0.24	1		RCRA
5887	10/9/01	GW07815RG	BROMOCHLOROMETHANE	REAL	TR1	1	UG/L	U	V1	0.21	1		RCRA
5887	10/9/01	GW07815RG	BROMODICHLOROMETHANE	REAL	TR1	1	UG/L	U	V1	0.22	1	100	RCRA
5887	10/9/01	GW07815RG	BROMOFORM	REAL	TR1	1	UG/L	U	V1	0.32	1	100	RCRA
5887	10/9/01	GW07815RG	BROMOMETHANE	REAL	TR1	1	UG/L	U	UJ1	0.3	1	51.1	RCRA
5887	10/9/01	GW07815RG	CARBON DISULFIDE	REAL	TR1	1	UG/L	U	V1	0.19	1	3650	RCRA
5887	10/9/01	GW07815RG	CARBON TETRACHLORIDE	REAL	TR1	1	UG/L	U	V1	0.19	1	5	RCRA
5887	10/9/01	GW07815RG	CHLOROBENZENE	REAL	TR1	1	UG/L	U	V1	0.3	1	100	RCRA
5887	10/9/01	GW07815RG	CHLOROETHANE	REAL	TR1	1	UG/L	U	V1	0.25	1	29.4	RCRA
5887	10/9/01	GW07815RG	CHLOROFORM	REAL	TR1	1	UG/L	U	V1	0.23	1	100	RCRA
5887	10/9/01	GW07815RG	CHLOROMETHANE	REAL	TR1	1	UG/L	U	V1	0.3	1	6.55	RCRA
5887	10/9/01	GW07815RG	cis-1,2-DICHLOROETHENE	REAL	TR1	1	UG/L	U	V1	0.26	1	70	RCRA
5887	10/9/01	GW07815RG	cis-1,3-DICHLOROPROPENE	REAL	TR1	1	UG/L	U	V1	0.28	1	0.473	RCRA
5887	10/9/01	GW07815RG	DIBROMOCHLOROMETHANE	REAL	TR1	1	UG/L	U	V1	0.38	1	1.01	RCRA
5887	10/9/01	GW07815RG	DIBROMOMETHANE	REAL	TR1	1	UG/L	U	V1	0.44	1		RCRA
5887	10/9/01	GW07815RG	DICHLORODIFLUOROMETHANE	REAL	TR1	1	UG/L	U	V1	0.23	1		RCRA
5887	10/9/01	GW07815RG	ETHYLBENZENE	REAL	TR1	1	UG/L	U	V1	0.28	1	700	RCRA
5887	10/9/01	GW07815RG	HEXACHLOROBUTADIENE	REAL	TR1	1	UG/L	U	V1	0.29	1	1.09	RCRA
5887	10/9/01	GW07815RG	ISOPROPYLBENZENE	REAL	TR1	1	UG/L	U	V1	0.31	1		RCRA
5887	10/9/01	GW07815RG	METHYLENE CHLORIDE	REAL	TR1	1	UG/L	U	V1	0.89	1	5	RCRA
5887	10/9/01	GW07815RG	NAPHTHALENE	REAL	TR1	1	UG/L	U	UJ1	0.15	1	1460	RCRA
5887	10/9/01	GW07815RG	n-BUTYLBENZENE	REAL	TR1	1	UG/L	U	V1	0.26	1		RCRA
5887	10/9/01	GW07815RG	n-PROPYLBENZENE	REAL	TR1	1	UG/L	U	V1	0.23	1		RCRA
5887	10/9/01	GW07815RG	o-CHLOROTOLUENE	REAL	TR1	1	UG/L	U	V1	0.31	1		RCRA
5887	10/9/01	GW07815RG	p-CHLOROTOLUENE	REAL	TR1	1	UG/L	U	V1	0.25	1		RCRA
5887	10/9/01	GW07815RG	PROPANE, 1,2-DIBROMO-3-CHLORO-	REAL	TR1	1	UG/L	U	V1	0.25	1	0.2	RCRA
5887	10/9/01	GW07815RG	sec-BUTYLBENZENE	REAL	TR1	1	UG/L	U	V1	0.26	1		RCRA
5887	10/9/01	GW07815RG	STYRENE	REAL	TR1	1	UG/L	U	V1	0.27	1	100	RCRA
5887	10/9/01	GW07815RG	tert-BUTYLBENZENE	REAL	TR1	1	UG/L	U	V1	0.29	1		RCRA
5887	10/9/01	GW07815RG	TETRACHLOROETHENE	REAL	TR1	1	UG/L	U	V1	0.36	1	5	RCRA
5887	10/9/01	GW07815RG	TOLUENE	REAL	TR1	1	UG/L	U	V1	0.29	1	1000	RCRA
5887	10/9/01	GW07815RG	TOTAL XYLENES	REAL	TR1	1	UG/L	U	V1	0.95	1	10000	RCRA
5887	10/9/01	GW07815RG	trans-1,2-DICHLOROETHENE	REAL	TR1	0.5	UG/L	U	V1	0.27	1	70	RCRA
5887	10/9/01	GW07815RG	trans-1,3-DICHLOROPROPENE	REAL	TR1	1	UG/L	U	V1	0.42	1	0.473	RCRA
5887	10/9/01	GW07815RG	TRICHLOROETHENE	REAL	TR1	1	UG/L	U	V1	0.22	1	5	RCRA
5887	10/9/01	GW07815RG	TRICHLOROFLUOROMETHANE	REAL	TR1	1	UG/L	U	V1	0.28	1		RCRA
5887	10/9/01	GW07815RG	VINYL CHLORIDE	REAL	TR1	1	UG/L	U	V1	0.21	1	2	RCRA
60499	10/10/01	GW07844RG	1,1,1,2-TETRACHLOROETHANE	REAL	TR1	1	UG/L	U	V1	0.22	1		D&D Bldg 707

Appendix A: Groundwater Analytical Data - Dissolved Gasses and Volatile Organic Compounds Fourth Quarter 2001

Location	Sample Date	Sample #	Analyte	QC Type	Result Type	Result	Units	Lab Qual	Validation	Detect Limit	Dilution	Tier II	IMP Well Class
60499	10/10/01	GW07844RG	1,1,1-TRICHLOROETHANE	REAL	TR1	1	UG/L	U	V1	0.26	1	200	D&D Bldg 707
60499	10/10/01	GW07844RG	1,1,2,2-TETRACHLOROETHANE	REAL	TR1	1	UG/L	U	V1	0.31	1	0.426	D&D Bldg 707
60499	10/10/01	GW07844RG	1,1,2-TRICHLOROETHANE	REAL	TR1	1	UG/L	U	V1	0.39	1	5	D&D Bldg 707
60499	10/10/01	GW07844RG	1,1,2-TRICHLOROTRIFLUOROETHANE	REAL	TR1	1	UG/L	U	V1	0.21	1		D&D Bldg 707
60499	10/10/01	GW07844RG	1,1-DICHLOROETHANE	REAL	TR1	1	UG/L	U	V1	0.17	1	3650	D&D Bldg 707
60499	10/10/01	GW07844RG	1,1-DICHLOROETHENE	REAL	TR1	1	UG/L	U	V1	0.2	1	7	D&D Bldg 707
60499	10/10/01	GW07844RG	1,1-DICHLOROPROPENE	REAL	TR1	1	UG/L	U	V1	0.22	1		D&D Bldg 707
60499	10/10/01	GW07844RG	1,2,3-TRICHLOROBENZENE	REAL	TR1	1	UG/L	U	UJ1	0.16	1		D&D Bldg 707
60499	10/10/01	GW07844RG	1,2,3-TRICHLOROPROPANE	REAL	TR1	1	UG/L	U	V1	0.29	1		D&D Bldg 707
60499	10/10/01	GW07844RG	1,2,4-TRICHLOROBENZENE	REAL	TR1	1	UG/L	U	UJ1	0.2	1	70	D&D Bldg 707
60499	10/10/01	GW07844RG	1,2-DIBROMOETHANE	REAL	TR1	1	UG/L	U	V1	0.36	1		D&D Bldg 707
60499	10/10/01	GW07844RG	1,2-DICHLOROBENZENE	REAL	TR1	1	UG/L	U	UJ1	0.24	1	600	D&D Bldg 707
60499	10/10/01	GW07844RG	1,2-DICHLOROETHANE	REAL	TR1	1	UG/L	U	V1	0.28	1	5	D&D Bldg 707
60499	10/10/01	GW07844RG	1,2-DICHLOROPROPANE	REAL	TR1	1	UG/L	U	V1	0.21	1	5	D&D Bldg 707
60499	10/10/01	GW07844RG	1,3-DICHLOROBENZENE	REAL	TR1	1	UG/L	U	UJ1	0.26	1	600	D&D Bldg 707
60499	10/10/01	GW07844RG	1,3-DICHLOROPROPANE	REAL	TR1	1	UG/L	U	V1	0.26	1		D&D Bldg 707
60499	10/10/01	GW07844RG	1,4-DICHLOROBENZENE	REAL	TR1	1	UG/L	U	UJ1	0.24	1	75	D&D Bldg 707
60499	10/10/01	GW07844RG	2,2-DICHLOROPROPANE	REAL	TR1	1	UG/L	U	V1	0.21	1		D&D Bldg 707
60499	10/10/01	GW07844RG	2-BUTANONE	REAL	TR1	5	UG/L	U	V1	0.93	1	21900	D&D Bldg 707
60499	10/10/01	GW07844RG	2-HEXANONE	REAL	TR1	5	UG/L	U	V1	0.7	1		D&D Bldg 707
60499	10/10/01	GW07844RG	4-ISOPROPYLTOLUENE	REAL	TR1	1	UG/L	U	UJ1	0.3	1		D&D Bldg 707
60499	10/10/01	GW07844RG	4-METHYL-2-PENTANONE	REAL	TR1	5	UG/L	U	V1	0.79	1	2920	D&D Bldg 707
60499	10/10/01	GW07844RG	ACETONE	REAL	TR1	10	UG/L	U	V1	1.9	1	3650	D&D Bldg 707
60499	10/10/01	GW07844RG	BENZENE	REAL	TR1	1	UG/L	U	UJ1	0.21	1	5	D&D Bldg 707
60499	10/10/01	GW07844RG	BENZENE, 1,2,4-TRIMETHYL	REAL	TR1	1	UG/L	U	UJ1	0.22	1		D&D Bldg 707
60499	10/10/01	GW07844RG	BENZENE, 1,3,5-TRIMETHYL-	REAL	TR1	1	UG/L	U	UJ1	0.29	1		D&D Bldg 707
60499	10/10/01	GW07844RG	BROMOBENZENE	REAL	TR1	1	UG/L	U	UJ1	0.24	1		D&D Bldg 707
60499	10/10/01	GW07844RG	BROMOCHLOROMETHANE	REAL	TR1	1	UG/L	U	V1	0.21	1		D&D Bldg 707
60499	10/10/01	GW07844RG	BROMODICHLOROMETHANE	REAL	TR1	0.71	UG/L	J	V1	0.22	1	100	D&D Bldg 707
60499	10/10/01	GW07844RG	BROMOFORM	REAL	TR1	1	UG/L	U	V1	0.32	1	100	D&D Bldg 707
60499	10/10/01	GW07844RG	BROMOMETHANE	REAL	TR1	1	UG/L	U	V1	0.3	1	51.1	D&D Bldg 707
60499	10/10/01	GW07844RG	CARBON DISULFIDE	REAL	TR1	1	UG/L	U	V1	0.19	1	3650	D&D Bldg 707
60499	10/10/01	GW07844RG	CARBON TETRACHLORIDE	REAL	TR1	1	UG/L	U	V1	0.19	1	5	D&D Bldg 707
60499	10/10/01	GW07844RG	CHLOROBENZENE	REAL	TR1	1	UG/L	U	UJ1	0.3	1	100	D&D Bldg 707
60499	10/10/01	GW07844RG	CHLOROETHANE	REAL	TR1	1	UG/L	U	V1	0.25	1	29.4	D&D Bldg 707
60499	10/10/01	GW07844RG	CHLOROFORM	REAL	TR1	11	UG/L		V1	0.23	1	100	D&D Bldg 707
60499	10/10/01	GW07844RG	CHLOROMETHANE	REAL	TR1	1	UG/L	U	V1	0.3	1	6.55	D&D Bldg 707
60499	10/10/01	GW07844RG	cis-1,2-DICHLOROETHENE	REAL	TR1	1	UG/L	U	V1	0.26	1	70	D&D Bldg 707
60499	10/10/01	GW07844RG	cis-1,3-DICHLOROPROPENE	REAL	TR1	1	UG/L	U	V1	0.28	1	0.473	D&D Bldg 707
60499	10/10/01	GW07844RG	DIBROMOCHLOROMETHANE	REAL	TR1	1	UG/L	U	V1	0.38	1	1.01	D&D Bldg 707
60499	10/10/01	GW07844RG	DIBROMOMETHANE	REAL	TR1	1	UG/L	U	V1	0.44	1		D&D Bldg 707
60499	10/10/01	GW07844RG	DICHLORODIFLUOROMETHANE	REAL	TR1	1	UG/L	U	V1	0.23	1		D&D Bldg 707
60499	10/10/01	GW07844RG	ETHYLBENZENE	REAL	TR1	1	UG/L	U	UJ1	0.28	1	700	D&D Bldg 707
60499	10/10/01	GW07844RG	HEXACHLOROBUTADIENE	REAL	TR1	1	UG/L	U	V1	0.29	1	1.09	D&D Bldg 707
60499	10/10/01	GW07844RG	ISOPROPYLBENZENE	REAL	TR1	1	UG/L	U	UJ1	0.31	1		D&D Bldg 707
60499	10/10/01	GW07844RG	METHYLENE CHLORIDE	REAL	TR1	1	UG/L	U	V1	0.89	1	5	D&D Bldg 707
60499	10/10/01	GW07844RG	NAPHTHALENE	REAL	TR1	1	UG/L	U	UJ1	0.15	1	1460	D&D Bldg 707
60499	10/10/01	GW07844RG	n-BUTYLBENZENE	REAL	TR1	1	UG/L	U	UJ1	0.26	1		D&D Bldg 707
60499	10/10/01	GW07844RG	n-PROPYLBENZENE	REAL	TR1	1	UG/L	U	UJ1	0.23	1		D&D Bldg 707
60499	10/10/01	GW07844RG	o-CHLOROTOLUENE	REAL	TR1	1	UG/L	U	UJ1	0.31	1		D&D Bldg 707
60499	10/10/01	GW07844RG	p-CHLOROTOLUENE	REAL	TR1	1	UG/L	U	UJ1	0.25	1		D&D Bldg 707
60499	10/10/01	GW07844RG	PROPANE, 1,2-DIBROMO-3-CHLORO-	REAL	TR1	1	UG/L	U	V1	0.25	1	0.2	D&D Bldg 707
60499	10/10/01	GW07844RG	sec-BUTYLBENZENE	REAL	TR1	1	UG/L	U	UJ1	0.26	1		D&D Bldg 707
60499	10/10/01	GW07844RG	STYRENE	REAL	TR1	1	UG/L	U	UJ1	0.27	1	100	D&D Bldg 707
60499	10/10/01	GW07844RG	tert-BUTYLBENZENE	REAL	TR1	1	UG/L	U	UJ1	0.29	1		D&D Bldg 707
60499	10/10/01	GW07844RG	TETRACHLOROETHENE	REAL	TR1	0.72	UG/L	J	V1	0.36	1	5	D&D Bldg 707

**Appendix A: Groundwater Analytical Data - Dissolved Gasses and Volatile Organic Compounds Fourth Quarter 2001**

Location	Sample Date	Sample #	Analyte	QC Type	Result Type	Result	Units	Lab Qual	Valid-ation	Detect Limit	Dilution	Tier II	IMP Well Class
60499	10/10/01	GW07844RG	TOLUENE	REAL	TR1	1	UG/L	U	UJ1	0.29	1	1000	D&D Bldg 707
60499	10/10/01	GW07844RG	TOTAL XYLENES	REAL	TR1	1	UG/L	U	UJ1	0.95	1	10000	D&D Bldg 707
60499	10/10/01	GW07844RG	trans-1,2-DICHLOROETHENE	REAL	TR1	0.5	UG/L	U	V1	0.27	1	70	D&D Bldg 707
60499	10/10/01	GW07844RG	trans-1,3-DICHLOROPROPENE	REAL	TR1	1	UG/L	U	V1	0.42	1	0.473	D&D Bldg 707
60499	10/10/01	GW07844RG	TRICHLOROETHENE	REAL	TR1	1	UG/L	U	V1	0.22	1	5	D&D Bldg 707
60499	10/10/01	GW07844RG	TRICHLOROFLUOROMETHANE	REAL	TR1	1	UG/L	U	V1	0.28	1		D&D Bldg 707
60499	10/10/01	GW07844RG	VINYL CHLORIDE	REAL	TR1	1	UG/L	U	V1	0.21	1	2	D&D Bldg 707
60599	10/11/01	GW07845RG	1,1,1,2-TETRACHLOROETHANE	REAL	RX1	1	UG/L	U	V1	0.22	1		D&D Bldg 707
60599	10/11/01	GW07845RG	1,1,1-TRICHLOROETHANE	REAL	RX1	1	UG/L	U	V1	0.26	1	200	D&D Bldg 707
60599	10/11/01	GW07845RG	1,1,2,2-TETRACHLOROETHANE	REAL	RX1	1	UG/L	U	V1	0.31	1	0.426	D&D Bldg 707
60599	10/11/01	GW07845RG	1,1,2-TRICHLOROETHANE	REAL	RX1	1	UG/L	U	V1	0.39	1	5	D&D Bldg 707
60599	10/11/01	GW07845RG	1,1,2-TRICHLOROTRIFLUOROETHANE	REAL	RX1	1	UG/L	U	V1	0.21	1		D&D Bldg 707
60599	10/11/01	GW07845RG	1,1-DICHLOROETHANE	REAL	RX1	1	UG/L	U	V1	0.17	1	3650	D&D Bldg 707
60599	10/11/01	GW07845RG	1,1-DICHLOROETHENE	REAL	RX1	1	UG/L	U	V1	0.2	1	7	D&D Bldg 707
60599	10/11/01	GW07845RG	1,1-DICHLOROPROPENE	REAL	RX1	1	UG/L	U	V1	0.22	1		D&D Bldg 707
60599	10/11/01	GW07845RG	1,2,3-TRICHLOROBENZENE	REAL	RX1	1	UG/L	U	UJ1	0.16	1		D&D Bldg 707
60599	10/11/01	GW07845RG	1,2,3-TRICHLOROPROPANE	REAL	RX1	1	UG/L	U	V1	0.29	1		D&D Bldg 707
60599	10/11/01	GW07845RG	1,2,4-TRICHLOROBENZENE	REAL	RX1	1	UG/L	U	UJ1	0.2	1	70	D&D Bldg 707
60599	10/11/01	GW07845RG	1,2-DIBROMOETHANE	REAL	RX1	1	UG/L	U	V1	0.36	1		D&D Bldg 707
60599	10/11/01	GW07845RG	1,2-DICHLOROBENZENE	REAL	RX1	1	UG/L	U	UJ1	0.24	1	600	D&D Bldg 707
60599	10/11/01	GW07845RG	1,2-DICHLOROETHANE	REAL	RX1	1	UG/L	U	V1	0.28	1	5	D&D Bldg 707
60599	10/11/01	GW07845RG	1,2-DICHLOROPROPANE	REAL	RX1	1	UG/L	U	V1	0.21	1	5	D&D Bldg 707
60599	10/11/01	GW07845RG	1,3-DICHLOROBENZENE	REAL	RX1	1	UG/L	U	UJ1	0.26	1	600	D&D Bldg 707
60599	10/11/01	GW07845RG	1,3-DICHLOROPROPANE	REAL	RX1	1	UG/L	U	V1	0.26	1		D&D Bldg 707
60599	10/11/01	GW07845RG	1,4-DICHLOROBENZENE	REAL	RX1	1	UG/L	U	UJ1	0.24	1	75	D&D Bldg 707
60599	10/11/01	GW07845RG	2,2-DICHLOROPROPANE	REAL	RX1	1	UG/L	U	V1	0.21	1		D&D Bldg 707
60599	10/11/01	GW07845RG	2-BUTANONE	REAL	RX1	5	UG/L	U	V1	0.93	1	21900	D&D Bldg 707
60599	10/11/01	GW07845RG	2-HEXANONE	REAL	RX1	5	UG/L	U	V1	0.7	1		D&D Bldg 707
60599	10/11/01	GW07845RG	4-ISOPROPYLTOLUENE	REAL	RX1	1	UG/L	U	UJ1	0.3	1		D&D Bldg 707
60599	10/11/01	GW07845RG	4-METHYL-2-PENTANONE	REAL	RX1	5	UG/L	U	V1	0.79	1	2920	D&D Bldg 707
60599	10/11/01	GW07845RG	ACETONE	REAL	RX1	10	UG/L	U	V1	1.9	1	3650	D&D Bldg 707
60599	10/11/01	GW07845RG	BENZENE	REAL	RX1	1	UG/L	U	UJ1	0.21	1	5	D&D Bldg 707
60599	10/11/01	GW07845RG	BENZENE, 1,2,4-TRIMETHYL	REAL	RX1	1	UG/L	U	UJ1	0.22	1		D&D Bldg 707
60599	10/11/01	GW07845RG	BENZENE, 1,3,5-TRIMETHYL-	REAL	RX1	1	UG/L	U	UJ1	0.29	1		D&D Bldg 707
60599	10/11/01	GW07845RG	BROMOBENZENE	REAL	RX1	1	UG/L	U	UJ1	0.24	1		D&D Bldg 707
60599	10/11/01	GW07845RG	BROMOCHLOROMETHANE	REAL	RX1	1	UG/L	U	V1	0.21	1		D&D Bldg 707
60599	10/11/01	GW07845RG	BROMODICHLOROMETHANE	REAL	RX1	1	UG/L	U	V1	0.22	1	100	D&D Bldg 707
60599	10/11/01	GW07845RG	BROMOFORM	REAL	RX1	1	UG/L	U	V1	0.32	1	100	D&D Bldg 707
60599	10/11/01	GW07845RG	BROMOMETHANE	REAL	RX1	1	UG/L	U	V1	0.3	1	51.1	D&D Bldg 707
60599	10/11/01	GW07845RG	CARBON DISULFIDE	REAL	RX1	1	UG/L	U	V1	0.19	1	3650	D&D Bldg 707
60599	10/11/01	GW07845RG	CARBON TETRACHLORIDE	REAL	RX1	1	UG/L	U	V1	0.19	1	5	D&D Bldg 707
60599	10/11/01	GW07845RG	CHLOROBENZENE	REAL	RX1	1	UG/L	U	UJ1	0.3	1	100	D&D Bldg 707
60599	10/11/01	GW07845RG	CHLOROETHANE	REAL	RX1	1	UG/L	U	V1	0.25	1	29.4	D&D Bldg 707
60599	10/11/01	GW07845RG	CHLOROFORM	REAL	RX1	1	UG/L	U	V1	0.23	1	100	D&D Bldg 707
60599	10/11/01	GW07845RG	CHLOROMETHANE	REAL	RX1	1	UG/L	U	V1	0.3	1	6.55	D&D Bldg 707
60599	10/11/01	GW07845RG	cis-1,2-DICHLOROETHENE	REAL	RX1	1	UG/L	U	V1	0.26	1	70	D&D Bldg 707
60599	10/11/01	GW07845RG	cis-1,3-DICHLOROPROPENE	REAL	RX1	1	UG/L	U	V1	0.28	1	0.473	D&D Bldg 707
60599	10/11/01	GW07845RG	DIBROMOCHLOROMETHANE	REAL	RX1	1	UG/L	U	V1	0.38	1	1.01	D&D Bldg 707
60599	10/11/01	GW07845RG	DIBROMOMETHANE	REAL	RX1	1	UG/L	U	V1	0.44	1		D&D Bldg 707
60599	10/11/01	GW07845RG	DICHLORODIFLUOROMETHANE	REAL	RX1	1	UG/L	U	V1	0.23	1		D&D Bldg 707
60599	10/11/01	GW07845RG	ETHYLBENZENE	REAL	RX1	1	UG/L	U	UJ1	0.28	1	700	D&D Bldg 707
60599	10/11/01	GW07845RG	HEXACHLOROBUTADIENE	REAL	RX1	1	UG/L	U	V1	0.29	1	1.09	D&D Bldg 707
60599	10/11/01	GW07845RG	ISOPROPYLBENZENE	REAL	RX1	1	UG/L	U	UJ1	0.31	1		D&D Bldg 707
60599	10/11/01	GW07845RG	METHYLENE CHLORIDE	REAL	RX1	1	UG/L	U	V1	0.89	1	5	D&D Bldg 707
60599	10/11/01	GW07845RG	NAPHTHALENE	REAL	RX1	1	UG/L	U	UJ1	0.15	1	1460	D&D Bldg 707
60599	10/11/01	GW07845RG	n-BUTYLBENZENE	REAL	RX1	1	UG/L	U	UJ1	0.26	1		D&D Bldg 707



Appendix A: Groundwater Analytical Data - Dissolved Gasses and Volatile Organic Compounds Fourth Quarter 2001

Location	Sample Date	Sample #	Analyte	QC Type	Result Type	Result	Units	Lab Qual	Valid-ation	Detect Limit	Dilu-tion	Tier II	IMP Well Class
60599	10/11/01	GW07845RG	n-PROPYLBENZENE	REAL	RX1	1	UG/L	U	UJ1	0.23	1		D&D Bldg 707
60599	10/11/01	GW07845RG	o-CHLOROTOLUENE	REAL	RX1	1	UG/L	U	UJ1	0.31	1		D&D Bldg 707
60599	10/11/01	GW07845RG	p-CHLOROTOLUENE	REAL	RX1	1	UG/L	U	UJ1	0.25	1		D&D Bldg 707
60599	10/11/01	GW07845RG	PROPANE, 1,2-DIBROMO-3-CHLORO-	REAL	RX1	1	UG/L	U	V1	0.25	1	0.2	D&D Bldg 707
60599	10/11/01	GW07845RG	sec-BUTYLBENZENE	REAL	RX1	1	UG/L	U	UJ1	0.26	1		D&D Bldg 707
60599	10/11/01	GW07845RG	STYRENE	REAL	RX1	1	UG/L	U	UJ1	0.27	1	100	D&D Bldg 707
60599	10/11/01	GW07845RG	tert-BUTYLBENZENE	REAL	RX1	1	UG/L	U	UJ1	0.29	1		D&D Bldg 707
60599	10/11/01	GW07845RG	TETRACHLOROETHENE	REAL	DL1	170	UG/L		V1	1.2	3.33	5	D&D Bldg 707
60599	10/11/01	GW07845RG	TOLUENE	REAL	RX1	1	UG/L	U	UJ1	0.29	1	1000	D&D Bldg 707
60599	10/11/01	GW07845RG	TOTAL XYLENES	REAL	RX1	1	UG/L	U	UJ1	0.95	1	10000	D&D Bldg 707
60599	10/11/01	GW07845RG	trans-1,2-DICHLOROETHENE	REAL	RX1	0.5	UG/L	U	V1	0.27	1	70	D&D Bldg 707
60599	10/11/01	GW07845RG	trans-1,3-DICHLOROPROPENE	REAL	RX1	1	UG/L	U	V1	0.42	1	0.473	D&D Bldg 707
60599	10/11/01	GW07845RG	TRICHLOROETHENE	REAL	RX1	0.25	UG/L	J	V1	0.22	1	5	D&D Bldg 707
60599	10/11/01	GW07845RG	TRICHLOROFLUOROMETHANE	REAL	RX1	1	UG/L	U	V1	0.28	1		D&D Bldg 707
60599	10/11/01	GW07845RG	VINYL CHLORIDE	REAL	RX1	1	UG/L	U	V1	0.21	1	2	D&D Bldg 707
60699	11/8/01	GW07906RG	1,1,1,2-TETRACHLOROETHANE	REAL	TR1	1	UG/L	U	V1	0.22	1		D&D Bldg 707
60699	11/8/01	GW07906RG	1,1,1-TRICHLOROETHANE	REAL	TR1	1	UG/L	U	V1	0.26	1	200	D&D Bldg 707
60699	11/8/01	GW07906RG	1,1,2,2-TETRACHLOROETHANE	REAL	TR1	1	UG/L	U	V1	0.31	1	0.426	D&D Bldg 707
60699	11/8/01	GW07906RG	1,1,2-TRICHLOROETHANE	REAL	TR1	1	UG/L	U	V1	0.39	1	5	D&D Bldg 707
60699	11/8/01	GW07906RG	1,1,2-TRICHLOROTRIFLUOROETHANE	REAL	TR1	1	UG/L	U	V1	0.21	1		D&D Bldg 707
60699	11/8/01	GW07906RG	1,1-DICHLOROETHANE	REAL	TR1	1	UG/L	U	V1	0.17	1	3650	D&D Bldg 707
60699	11/8/01	GW07906RG	1,1-DICHLOROETHENE	REAL	TR1	1	UG/L	U	V1	0.2	1	7	D&D Bldg 707
60699	11/8/01	GW07906RG	1,1-DICHLOROPROPENE	REAL	TR1	1	UG/L	U	V1	0.22	1		D&D Bldg 707
60699	11/8/01	GW07906RG	1,2,3-TRICHLOROBENZENE	REAL	TR1	1	UG/L	U	UJ1	0.16	1		D&D Bldg 707
60699	11/8/01	GW07906RG	1,2,3-TRICHLOROPROPANE	REAL	TR1	1	UG/L	U	V1	0.29	1		D&D Bldg 707
60699	11/8/01	GW07906RG	1,2,4-TRICHLOROBENZENE	REAL	TR1	1	UG/L	U	UJ1	0.2	1	70	D&D Bldg 707
60699	11/8/01	GW07906RG	1,2-DIBROMOETHANE	REAL	TR1	1	UG/L	U	V1	0.36	1		D&D Bldg 707
60699	11/8/01	GW07906RG	1,2-DICHLOROBENZENE	REAL	TR1	1	UG/L	U	V1	0.24	1	600	D&D Bldg 707
60699	11/8/01	GW07906RG	1,2-DICHLOROETHANE	REAL	TR1	1	UG/L	U	V1	0.28	1	5	D&D Bldg 707
60699	11/8/01	GW07906RG	1,2-DICHLOROPROPANE	REAL	TR1	1	UG/L	U	V1	0.21	1	5	D&D Bldg 707
60699	11/8/01	GW07906RG	1,3-DICHLOROBENZENE	REAL	TR1	1	UG/L	U	V1	0.26	1	600	D&D Bldg 707
60699	11/8/01	GW07906RG	1,3-DICHLOROPROPANE	REAL	TR1	1	UG/L	U	V1	0.26	1		D&D Bldg 707
60699	11/8/01	GW07906RG	1,4-DICHLOROBENZENE	REAL	TR1	1	UG/L	U	V1	0.24	1	75	D&D Bldg 707
60699	11/8/01	GW07906RG	2,2-DICHLOROPROPANE	REAL	TR1	1	UG/L	U	V1	0.21	1		D&D Bldg 707
60699	11/8/01	GW07906RG	2-BUTANONE	REAL	TR1	5	UG/L	U	UJ1	0.93	1	21900	D&D Bldg 707
60699	11/8/01	GW07906RG	2-HEXANONE	REAL	TR1	5	UG/L	U	UJ1	0.7	1		D&D Bldg 707
60699	11/8/01	GW07906RG	4-ISOPROPYLTOLUENE	REAL	TR1	1	UG/L	U	V1	0.3	1		D&D Bldg 707
60699	11/8/01	GW07906RG	4-METHYL-2-PENTANONE	REAL	TR1	5	UG/L	U	V1	0.79	1	2920	D&D Bldg 707
60699	11/8/01	GW07906RG	ACETONE	REAL	TR1	5.7	UG/L	J	V1	1.9	1	3650	D&D Bldg 707
60699	11/8/01	GW07906RG	BENZENE	REAL	TR1	1	UG/L	U	V1	0.21	1	5	D&D Bldg 707
60699	11/8/01	GW07906RG	BENZENE, 1,2,4-TRIMETHYL	REAL	TR1	1	UG/L	U	V1	0.22	1		D&D Bldg 707
60699	11/8/01	GW07906RG	BENZENE, 1,3,5-TRIMETHYL-	REAL	TR1	1	UG/L	U	V1	0.29	1		D&D Bldg 707
60699	11/8/01	GW07906RG	BROMOBENZENE	REAL	TR1	1	UG/L	U	V1	0.24	1		D&D Bldg 707
60699	11/8/01	GW07906RG	BROMOCHLOROMETHANE	REAL	TR1	1	UG/L	U	V1	0.21	1		D&D Bldg 707
60699	11/8/01	GW07906RG	BROMODICHLOROMETHANE	REAL	TR1	1	UG/L	U	V1	0.22	1	100	D&D Bldg 707
60699	11/8/01	GW07906RG	BROMOFORM	REAL	TR1	1	UG/L	U	V1	0.32	1	100	D&D Bldg 707
60699	11/8/01	GW07906RG	BROMOMETHANE	REAL	TR1	1	UG/L	U	V1	0.3	1	51.1	D&D Bldg 707
60699	11/8/01	GW07906RG	CARBON DISULFIDE	REAL	TR1	1	UG/L	U	V1	0.19	1	3650	D&D Bldg 707
60699	11/8/01	GW07906RG	CARBON TETRACHLORIDE	REAL	TR1	1	UG/L	U	V1	0.19	1	5	D&D Bldg 707
60699	11/8/01	GW07906RG	CHLOROBENZENE	REAL	TR1	1	UG/L	U	V1	0.3	1	100	D&D Bldg 707
60699	11/8/01	GW07906RG	CHLOROETHANE	REAL	TR1	1	UG/L	U	V1	0.25	1	29.4	D&D Bldg 707
60699	11/8/01	GW07906RG	CHLOROFORM	REAL	TR1	1	UG/L	U	V1	0.23	1	100	D&D Bldg 707
60699	11/8/01	GW07906RG	CHLOROMETHANE	REAL	TR1	1	UG/L	U	V1	0.3	1	6.55	D&D Bldg 707
60699	11/8/01	GW07906RG	cis-1,2-DICHLOROETHENE	REAL	TR1	1	UG/L	U	V1	0.26	1	70	D&D Bldg 707
60699	11/8/01	GW07906RG	cis-1,3-DICHLOROPROPENE	REAL	TR1	1	UG/L	U	V1	0.28	1	0.473	D&D Bldg 707
60699	11/8/01	GW07906RG	DIBROMOCHLOROMETHANE	REAL	TR1	1	UG/L	U	V1	0.38	1	1.01	D&D Bldg 707

Appendix A: Groundwater Analytical Data - Dissolved Gasses and Volatile Organic Compounds Fourth Quarter 2001

Location	Sample Date	Sample #	Analyte	QC Type	Result Type	Result	Units	Lab Qual	Valid-ation	Detect Limit	Dilu-tion	Tier II	IMP Well Class
60699	11/8/01	GW07906RG	DIBROMOMETHANE	REAL	TR1	1	UG/L	U	V1	0.44	1		D&D Bldg 707
60699	11/8/01	GW07906RG	DICHLORODIFLUOROMETHANE	REAL	TR1	1	UG/L	U	UJ1	0.23	1		D&D Bldg 707
60699	11/8/01	GW07906RG	ETHYLBENZENE	REAL	TR1	1	UG/L	U	V1	0.28	1	700	D&D Bldg 707
60699	11/8/01	GW07906RG	HEXACHLOROBUTADIENE	REAL	TR1	1	UG/L	U	V1	0.29	1	1.09	D&D Bldg 707
60699	11/8/01	GW07906RG	ISOPROPYLBENZENE	REAL	TR1	1	UG/L	U	V1	0.31	1		D&D Bldg 707
60699	11/8/01	GW07906RG	METHYLENE CHLORIDE	REAL	TR1	1	UG/L	U	V1	0.89	1	5	D&D Bldg 707
60699	11/8/01	GW07906RG	NAPHTHALENE	REAL	TR1	1	UG/L	U	UJ1	0.15	1	1460	D&D Bldg 707
60699	11/8/01	GW07906RG	n-BUTYLBENZENE	REAL	TR1	1	UG/L	U	V1	0.26	1		D&D Bldg 707
60699	11/8/01	GW07906RG	n-PROPYLBENZENE	REAL	TR1	1	UG/L	U	V1	0.23	1		D&D Bldg 707
60699	11/8/01	GW07906RG	o-CHLOROTOLUENE	REAL	TR1	1	UG/L	U	V1	0.31	1		D&D Bldg 707
60699	11/8/01	GW07906RG	p-CHLOROTOLUENE	REAL	TR1	1	UG/L	U	V1	0.25	1		D&D Bldg 707
60699	11/8/01	GW07906RG	PROPANE, 1,2-DIBROMO-3-CHLORO-	REAL	TR1	1	UG/L	U	V1	0.25	1	0.2	D&D Bldg 707
60699	11/8/01	GW07906RG	sec-BUTYLBENZENE	REAL	TR1	1	UG/L	U	V1	0.26	1		D&D Bldg 707
60699	11/8/01	GW07906RG	STYRENE	REAL	TR1	1	UG/L	U	V1	0.27	1	100	D&D Bldg 707
60699	11/8/01	GW07906RG	tert-BUTYLBENZENE	REAL	TR1	1	UG/L	U	V1	0.29	1		D&D Bldg 707
60699	11/8/01	GW07906RG	TETRACHLOROETHENE	REAL	TR1	1	UG/L	U	V1	0.36	1	5	D&D Bldg 707
60699	11/8/01	GW07906RG	TOLUENE	REAL	TR1	1	UG/L	U	V1	0.29	1	1000	D&D Bldg 707
60699	11/8/01	GW07906RG	TOTAL XYLENES	REAL	TR1	1	UG/L	U	V1	0.95	1	10000	D&D Bldg 707
60699	11/8/01	GW07906RG	trans-1,2-DICHLOROETHENE	REAL	TR1	0.5	UG/L	U	V1	0.27	1	70	D&D Bldg 707
60699	11/8/01	GW07906RG	trans-1,3-DICHLOROPROPENE	REAL	TR1	1	UG/L	U	V1	0.42	1	0.473	D&D Bldg 707
60699	11/8/01	GW07906RG	TRICHLOROETHENE	REAL	TR1	1	UG/L	U	V1	0.22	1	5	D&D Bldg 707
60699	11/8/01	GW07906RG	TRICHLOROFLUOROMETHANE	REAL	TR1	1	UG/L	U	V1	0.28	1		D&D Bldg 707
60699	11/8/01	GW07906RG	VINYL CHLORIDE	REAL	TR1	1	UG/L	U	V1	0.21	1	2	D&D Bldg 707
61099	12/11/01	GW07892RG	1,1,1,2-TETRACHLOROETHANE	REAL	TR1	1	UG/L	U	V	0.22	1		D&D Bldg 883
61099	12/11/01	GW07892RG	1,1,1-TRICHLOROETHANE	REAL	TR1	1	UG/L	U	V	0.26	1	200	D&D Bldg 883
61099	12/11/01	GW07892RG	1,1,2,2-TETRACHLOROETHANE	REAL	TR1	1	UG/L	U	V	0.31	1	0.426	D&D Bldg 883
61099	12/11/01	GW07892RG	1,1,2-TRICHLOROETHANE	REAL	TR1	1	UG/L	U	V	0.39	1	5	D&D Bldg 883
61099	12/11/01	GW07892RG	1,1,2-TRICHLOROTRIFLUOROETHANE	REAL	TR1	1	UG/L	U	V	0.21	1		D&D Bldg 883
61099	12/11/01	GW07892RG	1,1-DICHLOROETHANE	REAL	TR1	0.49	UG/L	J	V	0.17	1	3650	D&D Bldg 883
61099	12/11/01	GW07892RG	1,1-DICHLOROETHENE	REAL	TR1	0.67	UG/L	J	V	0.2	1	7	D&D Bldg 883
61099	12/11/01	GW07892RG	1,1-DICHLOROPROPENE	REAL	TR1	1	UG/L	U	V	0.22	1		D&D Bldg 883
61099	12/11/01	GW07892RG	1,2,3-TRICHLOROBENZENE	REAL	TR1	1	UG/L	U	UJ	0.16	1		D&D Bldg 883
61099	12/11/01	GW07892RG	1,2,3-TRICHLOROPROPANE	REAL	TR1	1	UG/L	U	V	0.29	1		D&D Bldg 883
61099	12/11/01	GW07892RG	1,2,4-TRICHLOROBENZENE	REAL	TR1	1	UG/L	U	UJ	0.2	1	70	D&D Bldg 883
61099	12/11/01	GW07892RG	1,2-DIBROMOETHANE	REAL	TR1	1	UG/L	U	V	0.36	1		D&D Bldg 883
61099	12/11/01	GW07892RG	1,2-DICHLOROBENZENE	REAL	TR1	1	UG/L	U	UJ	0.24	1	600	D&D Bldg 883
61099	12/11/01	GW07892RG	1,2-DICHLOROETHANE	REAL	TR1	1	UG/L	U	V	0.28	1	5	D&D Bldg 883
61099	12/11/01	GW07892RG	1,2-DICHLOROPROPANE	REAL	TR1	1	UG/L	U	V	0.21	1	5	D&D Bldg 883
61099	12/11/01	GW07892RG	1,3-DICHLOROBENZENE	REAL	TR1	1	UG/L	U	UJ	0.26	1	600	D&D Bldg 883
61099	12/11/01	GW07892RG	1,3-DICHLOROPROPANE	REAL	TR1	1	UG/L	U	V	0.26	1		D&D Bldg 883
61099	12/11/01	GW07892RG	1,4-DICHLOROBENZENE	REAL	TR1	1	UG/L	U	UJ	0.24	1	75	D&D Bldg 883
61099	12/11/01	GW07892RG	2,2-DICHLOROPROPANE	REAL	TR1	1	UG/L	U	V	0.21	1		D&D Bldg 883
61099	12/11/01	GW07892RG	2-BUTANONE	REAL	TR1	5	UG/L	U	V	0.93	1	21900	D&D Bldg 883
61099	12/11/01	GW07892RG	2-HEXANONE	REAL	TR1	5	UG/L	U	V	0.7	1		D&D Bldg 883
61099	12/11/01	GW07892RG	3-METHYLHEPTYL ACETATE (TIC)	REAL	TR1	2.6	UG/L	J	V		1		D&D Bldg 883
61099	12/11/01	GW07892RG	4-ISOPROPYLTOLUENE	REAL	TR1	1	UG/L	U	UJ	0.3	1		D&D Bldg 883
61099	12/11/01	GW07892RG	4-METHYL-2-PENTANONE	REAL	TR1	5	UG/L	U	V	0.79	1	2920	D&D Bldg 883
61099	12/11/01	GW07892RG	ACETONE	REAL	TR1	10	UG/L	U	V	1.9	1	3650	D&D Bldg 883
61099	12/11/01	GW07892RG	BENZENE	REAL	TR1	1	UG/L	U	UJ	0.21	1	5	D&D Bldg 883
61099	12/11/01	GW07892RG	BENZENE, 1,2,4-TRIMETHYL	REAL	TR1	1	UG/L	U	UJ	0.22	1		D&D Bldg 883
61099	12/11/01	GW07892RG	BENZENE, 1,3,5-TRIMETHYL-	REAL	TR1	1	UG/L	U	UJ	0.29	1		D&D Bldg 883
61099	12/11/01	GW07892RG	BROMOBENZENE	REAL	TR1	1	UG/L	U	UJ	0.24	1		D&D Bldg 883
61099	12/11/01	GW07892RG	BROMOCHLOROMETHANE	REAL	TR1	1	UG/L	U	V	0.21	1		D&D Bldg 883
61099	12/11/01	GW07892RG	BROMODICHLOROMETHANE	REAL	TR1	1	UG/L	U	V	0.22	1	100	D&D Bldg 883
61099	12/11/01	GW07892RG	BROMOFORM	REAL	TR1	1	UG/L	U	V	0.32	1	100	D&D Bldg 883
61099	12/11/01	GW07892RG	BROMOMETHANE	REAL	TR1	1	UG/L	U	V	0.3	1	51.1	D&D Bldg 883

(TIC) = Tentatively Identified Compound



Appendix A: Groundwater Analytical Data - Dissolved Gasses and Volatile Organic Compounds Fourth Quarter 2001

Location	Sample Date	Sample #	Analyte	QC Type	Result Type	Result	Units	Lab Qual	Valid-ation	Detect Limit	Dilu-tion	Tier II	IMP Well Class
61099	12/11/01	GW07892RG	CARBON DISULFIDE	REAL	TR1	1	UG/L	U	V	0.19	1	3650	D&D Bldg 883
61099	12/11/01	GW07892RG	CARBON TETRACHLORIDE	REAL	TR1	1	UG/L	U	V	0.19	1	5	D&D Bldg 883
61099	12/11/01	GW07892RG	CHLOROBENZENE	REAL	TR1	1	UG/L	U	UJ	0.3	1	100	D&D Bldg 883
61099	12/11/01	GW07892RG	CHLOROETHANE	REAL	TR1	1	UG/L	U	V	0.25	1	29.4	D&D Bldg 883
61099	12/11/01	GW07892RG	CHLOROFORM	REAL	TR1	1	UG/L	U	V	0.23	1	100	D&D Bldg 883
61099	12/11/01	GW07892RG	CHLOROMETHANE	REAL	TR1	1	UG/L	U	V	0.3	1	6.55	D&D Bldg 883
61099	12/11/01	GW07892RG	cis-1,2-DICHLOROETHENE	REAL	TR1	3.5	UG/L	U	V	0.26	1	70	D&D Bldg 883
61099	12/11/01	GW07892RG	cis-1,3-DICHLOROPROPENE	REAL	TR1	1	UG/L	U	V	0.28	1	0.473	D&D Bldg 883
61099	12/11/01	GW07892RG	DIBROMOCHLOROMETHANE	REAL	TR1	1	UG/L	U	V	0.38	1	1.01	D&D Bldg 883
61099	12/11/01	GW07892RG	DIBROMOMETHANE	REAL	TR1	1	UG/L	U	V	0.44	1		D&D Bldg 883
61099	12/11/01	GW07892RG	DICHLORODIFLUOROMETHANE	REAL	TR1	1	UG/L	U	V	0.23	1		D&D Bldg 883
61099	12/11/01	GW07892RG	ETHYLBENZENE	REAL	TR1	1	UG/L	U	UJ	0.28	1	700	D&D Bldg 883
61099	12/11/01	GW07892RG	HEXACHLOROBUTADIENE	REAL	TR1	1	UG/L	U	V	0.29	1	1.09	D&D Bldg 883
61099	12/11/01	GW07892RG	ISOPROPYLBENZENE	REAL	TR1	1	UG/L	U	UJ	0.31	1		D&D Bldg 883
61099	12/11/01	GW07892RG	METHYLENE CHLORIDE	REAL	TR1	1	UG/L	U	V	0.89	1	5	D&D Bldg 883
61099	12/11/01	GW07892RG	NAPHTHALENE	REAL	TR1	1	UG/L	U	UJ	0.15	1	1460	D&D Bldg 883
61099	12/11/01	GW07892RG	n-BUTYLBENZENE	REAL	TR1	1	UG/L	U	UJ	0.26	1		D&D Bldg 883
61099	12/11/01	GW07892RG	n-PROPYLBENZENE	REAL	TR1	1	UG/L	U	UJ	0.23	1		D&D Bldg 883
61099	12/11/01	GW07892RG	o-CHLOROTOLUENE	REAL	TR1	1	UG/L	U	UJ	0.31	1		D&D Bldg 883
61099	12/11/01	GW07892RG	p-CHLOROTOLUENE	REAL	TR1	1	UG/L	U	UJ	0.25	1		D&D Bldg 883
61099	12/11/01	GW07892RG	PROPANE, 1,2-DIBROMO-3-CHLORO-	REAL	TR1	1	UG/L	U	V	0.25	1	0.2	D&D Bldg 883
61099	12/11/01	GW07892RG	sec-BUTYLBENZENE	REAL	TR1	1	UG/L	U	UJ	0.26	1		D&D Bldg 883
61099	12/11/01	GW07892RG	STYRENE	REAL	TR1	1	UG/L	U	UJ	0.27	1	100	D&D Bldg 883
61099	12/11/01	GW07892RG	tert-BUTYLBENZENE	REAL	TR1	1	UG/L	U	UJ	0.29	1		D&D Bldg 883
61099	12/11/01	GW07892RG	TETRACHLOROETHENE	REAL	TR1	15	UG/L	U	V	0.36	1	5	D&D Bldg 883
61099	12/11/01	GW07892RG	TOLUENE	REAL	TR1	1	UG/L	U	UJ	0.29	1	1000	D&D Bldg 883
61099	12/11/01	GW07892RG	TOTAL XYLENES	REAL	TR1	1	UG/L	U	UJ	0.95	1	10000	D&D Bldg 883
61099	12/11/01	GW07892RG	trans-1,2-DICHLOROETHENE	REAL	TR1	0.5	UG/L	U	V	0.27	1	70	D&D Bldg 883
61099	12/11/01	GW07892RG	trans-1,3-DICHLOROPROPENE	REAL	TR1	1	UG/L	U	V	0.42	1	0.473	D&D Bldg 883
61099	12/11/01	GW07892RG	TRICHLOROETHENE	REAL	TR1	0.92	UG/L	J	V	0.22	1	5	D&D Bldg 883
61099	12/11/01	GW07892RG	TRICHLOROFLUOROMETHANE	REAL	TR1	1	UG/L	U	V	0.28	1		D&D Bldg 883
61099	12/11/01	GW07892RG	VINYL CHLORIDE	REAL	TR1	1	UG/L	U	V	0.21	1	2	D&D Bldg 883
61199	12/11/01	GW07891RG	1,1,1,2-TETRACHLOROETHANE	REAL	TR1	1	UG/L	U	V	0.22	1		D&D Bldg 883
61199	12/11/01	GW07891RG	1,1,1-TRICHLOROETHANE	REAL	TR1	1	UG/L	U	V	0.26	1	200	D&D Bldg 883
61199	12/11/01	GW07891RG	1,1,2,2-TETRACHLOROETHANE	REAL	TR1	1	UG/L	U	V	0.31	1	0.426	D&D Bldg 883
61199	12/11/01	GW07891RG	1,1,2-TRICHLOROETHANE	REAL	TR1	1	UG/L	U	V	0.39	1	5	D&D Bldg 883
61199	12/11/01	GW07891RG	1,1,2-TRICHLOROTRIFLUOROETHANE	REAL	TR1	1	UG/L	U	V	0.21	1		D&D Bldg 883
61199	12/11/01	GW07891RG	1,1-DICHLOROETHANE	REAL	TR1	1	UG/L	U	V	0.17	1	3650	D&D Bldg 883
61199	12/11/01	GW07891RG	1,1-DICHLOROETHENE	REAL	DL1	5	UG/L	U		1	5	7	D&D Bldg 883
61199	12/11/01	GW07891RG	1,1-DICHLOROETHENE	REAL	TR1	1	UG/L	U	V	0.2	1	7	D&D Bldg 883
61199	12/11/01	GW07891RG	1,1-DICHLOROPROPENE	REAL	TR1	1	UG/L	U	V	0.22	1		D&D Bldg 883
61199	12/11/01	GW07891RG	1,2,3-TRICHLOROBENZENE	REAL	TR1	1	UG/L	U	UJ	0.16	1		D&D Bldg 883
61199	12/11/01	GW07891RG	1,2,3-TRICHLOROPROPANE	REAL	TR1	1	UG/L	U	V	0.29	1		D&D Bldg 883
61199	12/11/01	GW07891RG	1,2,4-TRICHLOROBENZENE	REAL	TR1	1	UG/L	U	UJ	0.2	1	70	D&D Bldg 883
61199	12/11/01	GW07891RG	1,2-DIBROMOETHANE	REAL	TR1	1	UG/L	U	V	0.36	1		D&D Bldg 883
61199	12/11/01	GW07891RG	1,2-DICHLOROBENZENE	REAL	TR1	1	UG/L	U	UJ	0.24	1	600	D&D Bldg 883
61199	12/11/01	GW07891RG	1,2-DICHLOROETHANE	REAL	TR1	1	UG/L	U	V	0.28	1	5	D&D Bldg 883
61199	12/11/01	GW07891RG	1,2-DICHLOROPROPANE	REAL	TR1	1	UG/L	U	V	0.21	1	5	D&D Bldg 883
61199	12/11/01	GW07891RG	1,3-DICHLOROBENZENE	REAL	TR1	1	UG/L	U	UJ	0.26	1	600	D&D Bldg 883
61199	12/11/01	GW07891RG	1,3-DICHLOROPROPANE	REAL	TR1	1	UG/L	U	V	0.26	1		D&D Bldg 883
61199	12/11/01	GW07891RG	1,4-DICHLOROBENZENE	REAL	TR1	1	UG/L	U	UJ	0.24	1	75	D&D Bldg 883
61199	12/11/01	GW07891RG	2,2-DICHLOROPROPANE	REAL	TR1	1	UG/L	U	V	0.21	1		D&D Bldg 883
61199	12/11/01	GW07891RG	2-BUTANONE	REAL	TR1	5	UG/L	U	V	0.93	1	21900	D&D Bldg 883
61199	12/11/01	GW07891RG	2-HEXANONE	REAL	TR1	5	UG/L	U	V	0.7	1		D&D Bldg 883
61199	12/11/01	GW07891RG	2-PROPENOIC ACID, 6-METHYLHEPT (	REAL	TR1	4.6	UG/L	J	V		1		D&D Bldg 883
61199	12/11/01	GW07891RG	3-METHYLHEPTYL ACETATE (TIC)	REAL	TR1	13	UG/L	J	V		1		D&D Bldg 883

(TIC) = Tentatively Identified Compound

Appendix A: Groundwater Analytical Data - Dissolved Gasses and Volatile Organic Compounds Fourth Quarter 2001

Location	Sample Date	Sample #	Analyte	QC Type	Result Type	Result	Units	Lab Qual	Valid-ation	Detect Limit	Dilu-tion	Tier II	IMP Well Class
61199	12/11/01	GW07891RG	4-ISOPROPYLTOLUENE	REAL	TR1	1	UG/L	U	UJ	0.3	1		D&D Bldg 883
61199	12/11/01	GW07891RG	4-METHYL-2-PENTANONE	REAL	TR1	5	UG/L	U	V	0.79	1	2920	D&D Bldg 883
61199	12/11/01	GW07891RG	ACETONE	REAL	TR1	10	UG/L	U	V	1.9	1	3650	D&D Bldg 883
61199	12/11/01	GW07891RG	BENZENE	REAL	DL1	5	UG/L	U		1	5	5	D&D Bldg 883
61199	12/11/01	GW07891RG	BENZENE	REAL	TR1	1	UG/L	U	UJ	0.21	1	5	D&D Bldg 883
61199	12/11/01	GW07891RG	BENZENE, 1,2,4-TRIMETHYL	REAL	TR1	1	UG/L	U	UJ	0.22	1		D&D Bldg 883
61199	12/11/01	GW07891RG	BENZENE, 1,3,5-TRIMETHYL-	REAL	TR1	1	UG/L	U	UJ	0.29	1		D&D Bldg 883
61199	12/11/01	GW07891RG	BROMOBENZENE	REAL	TR1	1	UG/L	U	UJ	0.24	1		D&D Bldg 883
61199	12/11/01	GW07891RG	BROMOCHLOROMETHANE	REAL	TR1	1	UG/L	U	V	0.21	1		D&D Bldg 883
61199	12/11/01	GW07891RG	BROMODICHLOROMETHANE	REAL	TR1	1	UG/L	U	V	0.22	1	100	D&D Bldg 883
61199	12/11/01	GW07891RG	BROMOFORM	REAL	TR1	1	UG/L	U	V	0.32	1	100	D&D Bldg 883
61199	12/11/01	GW07891RG	BROMOMETHANE	REAL	TR1	1	UG/L	U	V	0.3	1	51.1	D&D Bldg 883
61199	12/11/01	GW07891RG	CARBON DISULFIDE	REAL	TR1	1	UG/L	U	V	0.19	1	3650	D&D Bldg 883
61199	12/11/01	GW07891RG	CARBON TETRACHLORIDE	REAL	TR1	1	UG/L	U	V	0.19	1	5	D&D Bldg 883
61199	12/11/01	GW07891RG	CHLOROBENZENE	REAL	DL1	5	UG/L	U		1.5	5	100	D&D Bldg 883
61199	12/11/01	GW07891RG	CHLOROBENZENE	REAL	TR1	1	UG/L	U	UJ	0.3	1	100	D&D Bldg 883
61199	12/11/01	GW07891RG	CHLOROETHANE	REAL	TR1	1	UG/L	U	V	0.25	1	29.4	D&D Bldg 883
61199	12/11/01	GW07891RG	CHLOROFORM	REAL	TR1	0.61	UG/L	J	V	0.23	1	100	D&D Bldg 883
61199	12/11/01	GW07891RG	CHLOROMETHANE	REAL	TR1	1	UG/L	U	V	0.3	1	6.55	D&D Bldg 883
61199	12/11/01	GW07891RG	cis-1,2-DICHLOROETHENE	REAL	TR1	17	UG/L		V	0.26	1	70	D&D Bldg 883
61199	12/11/01	GW07891RG	cis-1,3-DICHLOROPROPENE	REAL	TR1	1	UG/L	U	V	0.28	1	0.473	D&D Bldg 883
61199	12/11/01	GW07891RG	DIBROMOCHLOROMETHANE	REAL	TR1	1	UG/L	U	V	0.38	1	1.01	D&D Bldg 883
61199	12/11/01	GW07891RG	DIBROMOMETHANE	REAL	TR1	1	UG/L	U	V	0.44	1		D&D Bldg 883
61199	12/11/01	GW07891RG	DICHLORODIFLUOROMETHANE	REAL	TR1	1	UG/L	U	V	0.23	1		D&D Bldg 883
61199	12/11/01	GW07891RG	ETHYLBENZENE	REAL	TR1	1	UG/L	U	UJ	0.28	1	700	D&D Bldg 883
61199	12/11/01	GW07891RG	HEXACHLOROBUTADIENE	REAL	TR1	1	UG/L	U	V	0.29	1	1.09	D&D Bldg 883
61199	12/11/01	GW07891RG	ISOPROPYLBENZENE	REAL	TR1	1	UG/L	U	UJ	0.31	1		D&D Bldg 883
61199	12/11/01	GW07891RG	METHYLENE CHLORIDE	REAL	TR1	1	UG/L	U	V	0.89	1	5	D&D Bldg 883
61199	12/11/01	GW07891RG	NAPHTHALENE	REAL	TR1	1	UG/L	U	UJ	0.15	1	1460	D&D Bldg 883
61199	12/11/01	GW07891RG	n-BUTYLBENZENE	REAL	TR1	1	UG/L	U	UJ	0.26	1		D&D Bldg 883
61199	12/11/01	GW07891RG	n-PROPYLBENZENE	REAL	TR1	1	UG/L	U	UJ	0.23	1		D&D Bldg 883
61199	12/11/01	GW07891RG	o-CHLOROTOLUENE	REAL	TR1	1	UG/L	U	UJ	0.31	1		D&D Bldg 883
61199	12/11/01	GW07891RG	p-CHLOROTOLUENE	REAL	TR1	1	UG/L	U	UJ	0.25	1		D&D Bldg 883
61199	12/11/01	GW07891RG	PROPANE, 1,2-DIBROMO-3-CHLORO-	REAL	TR1	1	UG/L	U	V	0.25	1	0.2	D&D Bldg 883
61199	12/11/01	GW07891RG	sec-BUTYLBENZENE	REAL	TR1	1	UG/L	U	UJ	0.26	1		D&D Bldg 883
61199	12/11/01	GW07891RG	STYRENE	REAL	TR1	1	UG/L	U	UJ	0.27	1	100	D&D Bldg 883
61199	12/11/01	GW07891RG	tert-BUTYLBENZENE	REAL	TR1	1	UG/L	U	UJ	0.29	1		D&D Bldg 883
61199	12/11/01	GW07891RG	TETRACHLOROETHENE	REAL	DL1	160	UG/L		V	1.8	5	5	D&D Bldg 883
61199	12/11/01	GW07891RG	TOLUENE	REAL	DL1	5	UG/L	U		1.4	5	1000	D&D Bldg 883
61199	12/11/01	GW07891RG	TOLUENE	REAL	TR1	1	UG/L	U	UJ	0.29	1	1000	D&D Bldg 883
61199	12/11/01	GW07891RG	TOTAL XYLENES	REAL	TR1	1	UG/L	U	UJ	0.95	1	10000	D&D Bldg 883
61199	12/11/01	GW07891RG	trans-1,2-DICHLOROETHENE	REAL	TR1	0.5	UG/L	U	V	0.27	1	70	D&D Bldg 883
61199	12/11/01	GW07891RG	trans-1,3-DICHLOROPROPENE	REAL	TR1	1	UG/L	U	V	0.42	1	0.473	D&D Bldg 883
61199	12/11/01	GW07891RG	TRICHLOROETHENE	REAL	DL1	12	UG/L			1.1	5	5	D&D Bldg 883
61199	12/11/01	GW07891RG	TRICHLOROETHENE	REAL	TR1	11	UG/L		V	0.22	1	5	D&D Bldg 883
61199	12/11/01	GW07891RG	TRICHLOROFLUOROMETHANE	REAL	TR1	1	UG/L	U	V	0.28	1		D&D Bldg 883
61199	12/11/01	GW07891RG	VINYL CHLORIDE	REAL	TR1	1	UG/L	U	V	0.21	1	2	D&D Bldg 883
70193	10/11/01	GW07818RG	1,1,1,2-TETRACHLOROETHANE	REAL	TR1	1	UG/L	U	V1	0.22	1		RCRA
70193	10/11/01	GW07818RG	1,1,1-TRICHLOROETHANE	REAL	TR1	1	UG/L	U	V1	0.26	1	200	RCRA
70193	10/11/01	GW07818RG	1,1,2,2-TETRACHLOROETHANE	REAL	TR1	1	UG/L	U	V1	0.31	1	0.426	RCRA
70193	10/11/01	GW07818RG	1,1,2-TRICHLOROETHANE	REAL	TR1	1	UG/L	U	V1	0.39	1	5	RCRA
70193	10/11/01	GW07818RG	1,1,2-TRICHLOROTRIFLUOROETHANE	REAL	TR1	1	UG/L	U	V1	0.21	1		RCRA
70193	10/11/01	GW07818RG	1,1-DICHLOROETHANE	REAL	TR1	1	UG/L	U	V1	0.17	1	3650	RCRA
70193	10/11/01	GW07818RG	1,1-DICHLOROETHENE	REAL	TR1	1	UG/L	U	V1	0.2	1	7	RCRA
70193	10/11/01	GW07818RG	1,1-DICHLOROPROPENE	REAL	TR1	1	UG/L	U	V1	0.22	1		RCRA
70193	10/11/01	GW07818RG	1,2,3-TRICHLOROETHANE	REAL	TR1	1	UG/L	U	UJ1	0.16	1		RCRA

Appendix A: Groundwater Analytical Data - Dissolved Gasses and Volatile Organic Compounds Fourth Quarter 2001

Location	Sample Date	Sample #	Analyte	QC Type	Result Type	Result	Units	Lab Qual	Valid-ation	Detect Limit	Dilu-tion	Tier II	IMP Well Class
70193	10/11/01	GW07818RG	1,2,3-TRICHLOROPROPANE	REAL	TR1	1	UG/L	U	V1	0.29	1		RCRA
70193	10/11/01	GW07818RG	1,2,4-TRICHLOROBENZENE	REAL	TR1	1	UG/L	U	UJ1	0.2	1	70	RCRA
70193	10/11/01	GW07818RG	1,2-DIBROMOETHANE	REAL	TR1	1	UG/L	U	V1	0.36	1		RCRA
70193	10/11/01	GW07818RG	1,2-DICHLOROBENZENE	REAL	TR1	1	UG/L	U	UJ1	0.24	1	600	RCRA
70193	10/11/01	GW07818RG	1,2-DICHLOROETHANE	REAL	TR1	1	UG/L	U	V1	0.28	1	5	RCRA
70193	10/11/01	GW07818RG	1,2-DICHLOROPROPANE	REAL	TR1	1	UG/L	U	V1	0.21	1	5	RCRA
70193	10/11/01	GW07818RG	1,3-DICHLOROBENZENE	REAL	TR1	1	UG/L	U	UJ1	0.26	1	600	RCRA
70193	10/11/01	GW07818RG	1,3-DICHLOROPROPANE	REAL	TR1	1	UG/L	U	V1	0.26	1		RCRA
70193	10/11/01	GW07818RG	1,4-DICHLOROBENZENE	REAL	TR1	1	UG/L	U	UJ1	0.24	1	75	RCRA
70193	10/11/01	GW07818RG	2,2-DICHLOROPROPANE	REAL	TR1	1	UG/L	U	V1	0.21	1		RCRA
70193	10/11/01	GW07818RG	2-BUTANONE	REAL	TR1	5	UG/L	U	V1	0.93	1	21900	RCRA
70193	10/11/01	GW07818RG	2-HEXANONE	REAL	TR1	5	UG/L	U	V1	0.7	1		RCRA
70193	10/11/01	GW07818RG	4-ISOPROPYLTOLUENE	REAL	TR1	1	UG/L	U	UJ1	0.3	1		RCRA
70193	10/11/01	GW07818RG	4-METHYL-2-PENTANONE	REAL	TR1	5	UG/L	U	V1	0.79	1	2920	RCRA
70193	10/11/01	GW07818RG	ACETONE	REAL	TR1	10	UG/L	U	V1	1.9	1	3650	RCRA
70193	10/11/01	GW07818RG	BENZENE	REAL	TR1	1	UG/L	U	UJ1	0.21	1	5	RCRA
70193	10/11/01	GW07818RG	BENZENE, 1,2,4-TRIMETHYL	REAL	TR1	1	UG/L	U	UJ1	0.22	1		RCRA
70193	10/11/01	GW07818RG	BENZENE, 1,3,5-TRIMETHYL-	REAL	TR1	1	UG/L	U	UJ1	0.29	1		RCRA
70193	10/11/01	GW07818RG	BROMOBENZENE	REAL	TR1	1	UG/L	U	UJ1	0.24	1		RCRA
70193	10/11/01	GW07818RG	BROMOCHLOROMETHANE	REAL	TR1	1	UG/L	U	V1	0.21	1		RCRA
70193	10/11/01	GW07818RG	BROMODICHLOROMETHANE	REAL	TR1	1	UG/L	U	V1	0.22	1	100	RCRA
70193	10/11/01	GW07818RG	BROMOFORM	REAL	TR1	1	UG/L	U	V1	0.32	1	100	RCRA
70193	10/11/01	GW07818RG	BROMOMETHANE	REAL	TR1	1	UG/L	U	V1	0.3	1	51.1	RCRA
70193	10/11/01	GW07818RG	CARBON DISULFIDE	REAL	TR1	1	UG/L	U	V1	0.19	1	3650	RCRA
70193	10/11/01	GW07818RG	CARBON TETRACHLORIDE	REAL	TR1	1	UG/L	U	V1	0.19	1	5	RCRA
70193	10/11/01	GW07818RG	CHLOROBENZENE	REAL	TR1	1	UG/L	U	UJ1	0.3	1	100	RCRA
70193	10/11/01	GW07818RG	CHLOROETHANE	REAL	TR1	1	UG/L	U	V1	0.25	1	29.4	RCRA
70193	10/11/01	GW07818RG	CHLOROFORM	REAL	TR1	1	UG/L	U	V1	0.23	1	100	RCRA
70193	10/11/01	GW07818RG	CHLOROMETHANE	REAL	TR1	1	UG/L	U	V1	0.3	1	6.55	RCRA
70193	10/11/01	GW07818RG	cis-1,2-DICHLOROETHENE	REAL	TR1	1	UG/L	U	V1	0.26	1	70	RCRA
70193	10/11/01	GW07818RG	cis-1,3-DICHLOROPROPENE	REAL	TR1	1	UG/L	U	V1	0.28	1	0.473	RCRA
70193	10/11/01	GW07818RG	DIBROMOCHLOROMETHANE	REAL	TR1	1	UG/L	U	V1	0.38	1	1.01	RCRA
70193	10/11/01	GW07818RG	DIBROMOMETHANE	REAL	TR1	1	UG/L	U	V1	0.44	1		RCRA
70193	10/11/01	GW07818RG	DICHLORODIFLUOROMETHANE	REAL	TR1	1	UG/L	U	V1	0.23	1		RCRA
70193	10/11/01	GW07818RG	ETHYLBENZENE	REAL	TR1	1	UG/L	U	UJ1	0.28	1	700	RCRA
70193	10/11/01	GW07818RG	HEXACHLOROBUTADIENE	REAL	TR1	1	UG/L	U	V1	0.29	1	1.09	RCRA
70193	10/11/01	GW07818RG	ISOPROPYLBENZENE	REAL	TR1	1	UG/L	U	UJ1	0.31	1		RCRA
70193	10/11/01	GW07818RG	METHYLENE CHLORIDE	REAL	TR1	1	UG/L	U	V1	0.89	1	5	RCRA
70193	10/11/01	GW07818RG	NAPHTHALENE	REAL	TR1	1	UG/L	U	UJ1	0.15	1	1460	RCRA
70193	10/11/01	GW07818RG	n-BUTYLBENZENE	REAL	TR1	1	UG/L	U	UJ1	0.26	1		RCRA
70193	10/11/01	GW07818RG	n-PROPYLBENZENE	REAL	TR1	1	UG/L	U	UJ1	0.23	1		RCRA
70193	10/11/01	GW07818RG	o-CHLOROTOLUENE	REAL	TR1	1	UG/L	U	UJ1	0.31	1		RCRA
70193	10/11/01	GW07818RG	p-CHLOROTOLUENE	REAL	TR1	1	UG/L	U	UJ1	0.25	1		RCRA
70193	10/11/01	GW07818RG	PROPANE, 1,2-DIBROMO-3-CHLORO-	REAL	TR1	1	UG/L	U	V1	0.25	1	0.2	RCRA
70193	10/11/01	GW07818RG	sec-BUTYLBENZENE	REAL	TR1	1	UG/L	U	UJ1	0.26	1		RCRA
70193	10/11/01	GW07818RG	STYRENE	REAL	TR1	1	UG/L	U	UJ1	0.27	1	100	RCRA
70193	10/11/01	GW07818RG	tert-BUTYLBENZENE	REAL	TR1	1	UG/L	U	UJ1	0.29	1		RCRA
70193	10/11/01	GW07818RG	TETRACHLOROETHENE	REAL	TR1	1	UG/L	U	V1	0.36	1	5	RCRA
70193	10/11/01	GW07818RG	TOLUENE	REAL	TR1	1	UG/L	U	UJ1	0.29	1	1000	RCRA
70193	10/11/01	GW07818RG	TOTAL XYLENES	REAL	TR1	1	UG/L	U	UJ1	0.95	1	10000	RCRA
70193	10/11/01	GW07818RG	trans-1,2-DICHLOROETHENE	REAL	TR1	0.5	UG/L	U	V1	0.27	1	70	RCRA
70193	10/11/01	GW07818RG	trans-1,3-DICHLOROPROPENE	REAL	TR1	1	UG/L	U	V1	0.42	1	0.473	RCRA
70193	10/11/01	GW07818RG	TRICHLOROETHENE	REAL	TR1	1	UG/L	U	V1	0.22	1	5	RCRA
70193	10/11/01	GW07818RG	TRICHLOROFLUOROMETHANE	REAL	TR1	1	UG/L	U	V1	0.28	1		RCRA
70193	10/11/01	GW07818RG	VINYL CHLORIDE	REAL	TR1	1	UG/L	U	V1	0.21	1	2	RCRA
70393	10/10/01	GW07819RG	1,1,1,2-TETRACHLOROETHANE	REAL	TR1	1	UG/L	U	V1	0.22	1		RCRA

Appendix A: Groundwater Analytical Data - Dissolved Gasses and Volatile Organic Compounds Fourth Quarter 2001

Location	Sample Date	Sample #	Analyte	QC Type	Result Type	Result	Units	Lab Qual	Valid- ation	Detect Limit	Dilu- tion	Tier II	IMP Well Class
70393	10/10/01	GW07819RG	1,1,1-TRICHLOROETHANE	REAL	TR1	14	UG/L		V1	0.26	1	200	RCRA
70393	10/10/01	GW07819RG	1,1,2,2-TETRACHLOROETHANE	REAL	TR1	1	UG/L	U	V1	0.31	1	0.426	RCRA
70393	10/10/01	GW07819RG	1,1,2-TRICHLOROETHANE	REAL	TR1	1	UG/L	U	V1	0.39	1	5	RCRA
70393	10/10/01	GW07819RG	1,1,2-TRICHLOROTRIFLUOROETHANE	REAL	TR1	0.35	UG/L	J	V1	0.21	1		RCRA
70393	10/10/01	GW07819RG	1,1-DICHLOROETHANE	REAL	TR1	1	UG/L	U	V1	0.17	1	3650	RCRA
70393	10/10/01	GW07819RG	1,1-DICHLOROETHENE	REAL	TR1	11	UG/L		V1	0.2	1	7	RCRA
70393	10/10/01	GW07819RG	1,1-DICHLOROPROPENE	REAL	TR1	1	UG/L	U	V1	0.22	1		RCRA
70393	10/10/01	GW07819RG	1,2,3-TRICHLOROBENZENE	REAL	TR1	1	UG/L	U	V1	0.16	1		RCRA
70393	10/10/01	GW07819RG	1,2,3-TRICHLOROPROPANE	REAL	TR1	1	UG/L	U	V1	0.29	1		RCRA
70393	10/10/01	GW07819RG	1,2,4-TRICHLOROBENZENE	REAL	TR1	1	UG/L	U	V1	0.2	1	70	RCRA
70393	10/10/01	GW07819RG	1,2-DIBROMOETHANE	REAL	TR1	1	UG/L	U	V1	0.36	1		RCRA
70393	10/10/01	GW07819RG	1,2-DICHLOROBENZENE	REAL	TR1	1	UG/L	U	V1	0.24	1	600	RCRA
70393	10/10/01	GW07819RG	1,2-DICHLOROETHANE	REAL	TR1	1	UG/L	U	V1	0.28	1	5	RCRA
70393	10/10/01	GW07819RG	1,2-DICHLOROPROPANE	REAL	TR1	1	UG/L	U	V1	0.21	1	5	RCRA
70393	10/10/01	GW07819RG	1,3-DICHLOROBENZENE	REAL	TR1	1	UG/L	U	V1	0.26	1	600	RCRA
70393	10/10/01	GW07819RG	1,3-DICHLOROPROPANE	REAL	TR1	1	UG/L	U	V1	0.26	1		RCRA
70393	10/10/01	GW07819RG	1,4-DICHLOROBENZENE	REAL	TR1	1	UG/L	U	V1	0.24	1	75	RCRA
70393	10/10/01	GW07819RG	2,2-DICHLOROPROPANE	REAL	TR1	1	UG/L	U	V1	0.21	1		RCRA
70393	10/10/01	GW07819RG	2-BUTANONE	REAL	TR1	5	UG/L	U	V1	0.93	1	21900	RCRA
70393	10/10/01	GW07819RG	2-HEXANONE	REAL	TR1	5	UG/L	U	UJ1	0.7	1		RCRA
70393	10/10/01	GW07819RG	4-ISOPROPYLTOLUENE	REAL	TR1	1	UG/L	U	V1	0.3	1		RCRA
70393	10/10/01	GW07819RG	4-METHYL-2-PENTANONE	REAL	TR1	5	UG/L	U	UJ1	0.79	1	2920	RCRA
70393	10/10/01	GW07819RG	ACETONE	REAL	TR1	10	UG/L	U	UJ1	1.9	1	3650	RCRA
70393	10/10/01	GW07819RG	BENZENE	REAL	TR1	1	UG/L	U	V1	0.21	1	5	RCRA
70393	10/10/01	GW07819RG	BENZENE, 1,2,4-TRIMETHYL	REAL	TR1	1	UG/L	U	V1	0.22	1		RCRA
70393	10/10/01	GW07819RG	BENZENE, 1,3,5-TRIMETHYL-	REAL	TR1	1	UG/L	U	V1	0.29	1		RCRA
70393	10/10/01	GW07819RG	BROMOBENZENE	REAL	TR1	1	UG/L	U	V1	0.24	1		RCRA
70393	10/10/01	GW07819RG	BROMOCHLOROMETHANE	REAL	TR1	1	UG/L	U	V1	0.21	1		RCRA
70393	10/10/01	GW07819RG	BROMODICHLOROMETHANE	REAL	TR1	1	UG/L	U	V1	0.22	1	100	RCRA
70393	10/10/01	GW07819RG	BROMOFORM	REAL	TR1	1	UG/L	U	V1	0.32	1	100	RCRA
70393	10/10/01	GW07819RG	BROMOMETHANE	REAL	TR1	1	UG/L	U	UJ1	0.3	1	51.1	RCRA
70393	10/10/01	GW07819RG	CARBON DISULFIDE	REAL	TR1	1	UG/L	U	V1	0.19	1	3650	RCRA
70393	10/10/01	GW07819RG	CARBON TETRACHLORIDE	REAL	TR1	0.48	UG/L	J	V1	0.19	1	5	RCRA
70393	10/10/01	GW07819RG	CHLOROBENZENE	REAL	TR1	1	UG/L	U	V1	0.3	1	100	RCRA
70393	10/10/01	GW07819RG	CHLOROETHANE	REAL	TR1	1	UG/L	U	V1	0.25	1	29.4	RCRA
70393	10/10/01	GW07819RG	CHLOROFORM	REAL	TR1	0.26	UG/L	J	V1	0.23	1	100	RCRA
70393	10/10/01	GW07819RG	CHLOROMETHANE	REAL	TR1	1	UG/L	U	V1	0.3	1	6.55	RCRA
70393	10/10/01	GW07819RG	cis-1,2-DICHLOROETHENE	REAL	TR1	1	UG/L	U	V1	0.26	1	70	RCRA
70393	10/10/01	GW07819RG	cis-1,3-DICHLOROPROPENE	REAL	TR1	1	UG/L	U	V1	0.28	1	0.473	RCRA
70393	10/10/01	GW07819RG	DIBROMOCHLOROMETHANE	REAL	TR1	1	UG/L	U	V1	0.38	1	1.01	RCRA
70393	10/10/01	GW07819RG	DIBROMOMETHANE	REAL	TR1	1	UG/L	U	V1	0.44	1		RCRA
70393	10/10/01	GW07819RG	DICHLORODIFLUOROMETHANE	REAL	TR1	1	UG/L	U	V1	0.23	1		RCRA
70393	10/10/01	GW07819RG	ETHYLBENZENE	REAL	TR1	1	UG/L	U	V1	0.28	1	700	RCRA
70393	10/10/01	GW07819RG	HEXACHLOROBUTADIENE	REAL	TR1	1	UG/L	U	V1	0.29	1	1.09	RCRA
70393	10/10/01	GW07819RG	ISOPROPYLBENZENE	REAL	TR1	1	UG/L	U	V1	0.31	1		RCRA
70393	10/10/01	GW07819RG	METHYLENE CHLORIDE	REAL	TR1	1	UG/L	U	V1	0.89	1	5	RCRA
70393	10/10/01	GW07819RG	NAPHTHALENE	REAL	TR1	1	UG/L	U	UJ1	0.15	1	1460	RCRA
70393	10/10/01	GW07819RG	n-BUTYLBENZENE	REAL	TR1	1	UG/L	U	V1	0.26	1		RCRA
70393	10/10/01	GW07819RG	n-PROPYLBENZENE	REAL	TR1	1	UG/L	U	V1	0.23	1		RCRA
70393	10/10/01	GW07819RG	o-CHLOROTOLUENE	REAL	TR1	1	UG/L	U	V1	0.31	1		RCRA
70393	10/10/01	GW07819RG	p-CHLOROTOLUENE	REAL	TR1	1	UG/L	U	V1	0.25	1		RCRA
70393	10/10/01	GW07819RG	PROPANE, 1,2-DIBROMO-3-CHLORO-	REAL	TR1	1	UG/L	U	V1	0.25	1	0.2	RCRA
70393	10/10/01	GW07819RG	sec-BUTYLBENZENE	REAL	TR1	1	UG/L	U	V1	0.26	1		RCRA
70393	10/10/01	GW07819RG	STYRENE	REAL	TR1	1	UG/L	U	V1	0.27	1	100	RCRA
70393	10/10/01	GW07819RG	tert-BUTYLBENZENE	REAL	TR1	1	UG/L	U	V1	0.29	1		RCRA
70393	10/10/01	GW07819RG	TETRACHLOROETHENE	REAL	TR1	5.6	UG/L		V1	0.36	1	5	RCRA

Appendix A: Groundwater Analytical Data - Dissolved Gasses and Volatile Organic Compounds Fourth Quarter 2001

Location	Sample Date	Sample #	Analyte	QC Type	Result Type	Result	Units	Lab Qual	Valid-ation	Detect Limit	Dilu-tion	Tier II	IMP Well Class
70393	10/10/01	GW07819RG	TOLUENE	REAL	TR1	1	UG/L	U	V1	0.29	1	1000	RCRA
70393	10/10/01	GW07819RG	TOTAL XYLENES	REAL	TR1	1	UG/L	U	V1	0.95	1	10000	RCRA
70393	10/10/01	GW07819RG	trans-1,2-DICHLOROETHENE	REAL	TR1	0.5	UG/L	U	V1	0.27	1	70	RCRA
70393	10/10/01	GW07819RG	trans-1,3-DICHLOROPROPENE	REAL	TR1	1	UG/L	U	V1	0.42	1	0.473	RCRA
70393	10/10/01	GW07819RG	TRICHLOROETHENE	REAL	TR1	17	UG/L		V1	0.22	1	5	RCRA
70393	10/10/01	GW07819RG	TRICHLOROFLUOROMETHANE	REAL	TR1	1	UG/L	U	V1	0.28	1		RCRA
70393	10/10/01	GW07819RG	VINYL CHLORIDE	REAL	TR1	1	UG/L	U	V1	0.21	1	2	RCRA
70493	10/17/01	GW07820RG	1,1,1,2-TETRACHLOROETHANE	REAL	TR1	1	UG/L	U	V1	0.22	1		RCRA
70493	10/17/01	GW07820RG	1,1,1-TRICHLOROETHANE	REAL	TR1	0.54	UG/L	J	V1	0.26	1	200	RCRA
70493	10/17/01	GW07820RG	1,1,2,2-TETRACHLOROETHANE	REAL	TR1	1	UG/L	U	V1	0.31	1	0.426	RCRA
70493	10/17/01	GW07820RG	1,1,2-TRICHLOROETHANE	REAL	TR1	1	UG/L	U	V1	0.39	1	5	RCRA
70493	10/17/01	GW07820RG	1,1,2-TRICHLOROTRIFLUOROETHANE	REAL	TR1	1	UG/L	U	V1	0.21	1		RCRA
70493	10/17/01	GW07820RG	1,1-DICHLOROETHANE	REAL	TR1	1	UG/L	U	V1	0.17	1	3650	RCRA
70493	10/17/01	GW07820RG	1,1-DICHLOROETHENE	REAL	TR1	0.24	UG/L	J	V1	0.2	1	7	RCRA
70493	10/17/01	GW07820RG	1,1-DICHLOROPROPENE	REAL	TR1	1	UG/L	U	V1	0.22	1		RCRA
70493	10/17/01	GW07820RG	1,2,3-TRICHLOROBENZENE	REAL	TR1	1	UG/L	U	UJ1	0.16	1		RCRA
70493	10/17/01	GW07820RG	1,2,3-TRICHLOROPROPANE	REAL	TR1	1	UG/L	U	V1	0.29	1		RCRA
70493	10/17/01	GW07820RG	1,2,4-TRICHLOROBENZENE	REAL	TR1	1	UG/L	U	UJ1	0.2	1	70	RCRA
70493	10/17/01	GW07820RG	1,2-DIBROMOETHANE	REAL	TR1	1	UG/L	U	V1	0.36	1		RCRA
70493	10/17/01	GW07820RG	1,2-DICHLOROBENZENE	REAL	TR1	1	UG/L	U	UJ1	0.24	1	600	RCRA
70493	10/17/01	GW07820RG	1,2-DICHLOROETHANE	REAL	TR1	1	UG/L	U	V1	0.28	1	5	RCRA
70493	10/17/01	GW07820RG	1,2-DICHLOROPROPANE	REAL	TR1	1	UG/L	U	V1	0.21	1	5	RCRA
70493	10/17/01	GW07820RG	1,3-DICHLOROBENZENE	REAL	TR1	1	UG/L	U	UJ1	0.26	1	600	RCRA
70493	10/17/01	GW07820RG	1,3-DICHLOROPROPANE	REAL	TR1	1	UG/L	U	V1	0.26	1		RCRA
70493	10/17/01	GW07820RG	1,4-DICHLOROBENZENE	REAL	TR1	1	UG/L	U	UJ1	0.24	1	75	RCRA
70493	10/17/01	GW07820RG	2,2-DICHLOROPROPANE	REAL	TR1	1	UG/L	U	V1	0.21	1		RCRA
70493	10/17/01	GW07820RG	2-BUTANONE	REAL	TR1	5	UG/L	U	V1	0.93	1	21900	RCRA
70493	10/17/01	GW07820RG	2-HEXANONE	REAL	TR1	5	UG/L	U	V1	0.7	1		RCRA
70493	10/17/01	GW07820RG	4-ISOPROPYLTOLUENE	REAL	TR1	1	UG/L	U	UJ1	0.3	1		RCRA
70493	10/17/01	GW07820RG	4-METHYL-2-PENTANONE	REAL	TR1	5	UG/L	U	V1	0.79	1	2920	RCRA
70493	10/17/01	GW07820RG	ACETONE	REAL	TR1	10	UG/L	U	V1	1.9	1	3650	RCRA
70493	10/17/01	GW07820RG	BENZENE	REAL	TR1	1	UG/L	U	UJ1	0.21	1	5	RCRA
70493	10/17/01	GW07820RG	BENZENE, 1,2,4-TRIMETHYL	REAL	TR1	1	UG/L	U	UJ1	0.22	1		RCRA
70493	10/17/01	GW07820RG	BENZENE, 1,3,5-TRIMETHYL-	REAL	TR1	1	UG/L	U	UJ1	0.29	1		RCRA
70493	10/17/01	GW07820RG	BROMOBENZENE	REAL	TR1	1	UG/L	U	UJ1	0.24	1		RCRA
70493	10/17/01	GW07820RG	BROMOCHLOROMETHANE	REAL	TR1	1	UG/L	U	V1	0.21	1		RCRA
70493	10/17/01	GW07820RG	BROMODICHLOROMETHANE	REAL	TR1	1	UG/L	U	V1	0.22	1	100	RCRA
70493	10/17/01	GW07820RG	BROMOFORM	REAL	TR1	1	UG/L	U	V1	0.32	1	100	RCRA
70493	10/17/01	GW07820RG	BROMOMETHANE	REAL	TR1	1	UG/L	U	V1	0.3	1	51.1	RCRA
70493	10/17/01	GW07820RG	CARBON DISULFIDE	REAL	TR1	1	UG/L	U	V1	0.19	1	3650	RCRA
70493	10/17/01	GW07820RG	CARBON TETRACHLORIDE	REAL	TR1	1	UG/L	U	V1	0.19	1	5	RCRA
70493	10/17/01	GW07820RG	CHLOROBENZENE	REAL	TR1	1	UG/L	U	UJ1	0.3	1	100	RCRA
70493	10/17/01	GW07820RG	CHLOROETHANE	REAL	TR1	1	UG/L	U	V1	0.25	1	29.4	RCRA
70493	10/17/01	GW07820RG	CHLOROFORM	REAL	TR1	1	UG/L	U	V1	0.23	1	100	RCRA
70493	10/17/01	GW07820RG	CHLOROMETHANE	REAL	TR1	1	UG/L	U	V1	0.3	1	6.55	RCRA
70493	10/17/01	GW07820RG	cis-1,2-DICHLOROETHENE	REAL	TR1	1	UG/L	U	V1	0.26	1	70	RCRA
70493	10/17/01	GW07820RG	cis-1,3-DICHLOROPROPENE	REAL	TR1	1	UG/L	U	V1	0.28	1	0.473	RCRA
70493	10/17/01	GW07820RG	DIBROMOCHLOROMETHANE	REAL	TR1	1	UG/L	U	V1	0.38	1	1.01	RCRA
70493	10/17/01	GW07820RG	DIBROMOMETHANE	REAL	TR1	1	UG/L	U	V1	0.44	1		RCRA
70493	10/17/01	GW07820RG	DICHLORODIFLUOROMETHANE	REAL	TR1	1	UG/L	U	V1	0.23	1		RCRA
70493	10/17/01	GW07820RG	ETHYLBENZENE	REAL	TR1	1	UG/L	U	UJ1	0.28	1	700	RCRA
70493	10/17/01	GW07820RG	HEXACHLOROBUTADIENE	REAL	TR1	1	UG/L	U	V1	0.29	1	1.09	RCRA
70493	10/17/01	GW07820RG	ISOPROPYLBENZENE	REAL	TR1	1	UG/L	U	UJ1	0.31	1		RCRA
70493	10/17/01	GW07820RG	METHYLENE CHLORIDE	REAL	TR1	1	UG/L	U	V1	0.89	1	5	RCRA
70493	10/17/01	GW07820RG	NAPHTHALENE	REAL	TR1	1	UG/L	U	UJ1	0.15	1	1460	RCRA
70493	10/17/01	GW07820RG	n-BUTYLBENZENE	REAL	TR1	1	UG/L	U	UJ1	0.26	1		RCRA

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Appendix A: Groundwater Analytical Data - Dissolved Gasses and Volatile Organic Compounds Fourth Quarter 2001

Location	Sample Date	Sample #	Analyte	QC Type	Result Type	Result	Units	Lab Qual	Valid-ation	Detect Limit	Dilu-tion	Tier II	IMP Well Class
70493	10/17/01	GW07820RG	n-PROPYLBENZENE	REAL	TR1	1	UG/L	U	UJ1	0.23	1		RCRA
70493	10/17/01	GW07820RG	o-CHLOROTOLUENE	REAL	TR1	1	UG/L	U	UJ1	0.31	1		RCRA
70493	10/17/01	GW07820RG	p-CHLOROTOLUENE	REAL	TR1	1	UG/L	U	UJ1	0.25	1		RCRA
70493	10/17/01	GW07820RG	PROPANE, 1,2-DIBROMO-3-CHLORO-	REAL	TR1	1	UG/L	U	V1	0.25	1	0.2	RCRA
70493	10/17/01	GW07820RG	sec-BUTYLBENZENE	REAL	TR1	1	UG/L	U	UJ1	0.26	1		RCRA
70493	10/17/01	GW07820RG	STYRENE	REAL	TR1	1	UG/L	U	UJ1	0.27	1	100	RCRA
70493	10/17/01	GW07820RG	tert-BUTYLBENZENE	REAL	TR1	1	UG/L	U	UJ1	0.29	1		RCRA
70493	10/17/01	GW07820RG	TETRACHLOROETHENE	REAL	TR1	1	UG/L	U	V1	0.36	1	5	RCRA
70493	10/17/01	GW07820RG	TOLUENE	REAL	TR1	1	UG/L	U	UJ1	0.29	1	1000	RCRA
70493	10/17/01	GW07820RG	TOTAL XYLENES	REAL	TR1	1	UG/L	U	UJ1	0.95	1	10000	RCRA
70493	10/17/01	GW07820RG	trans-1,2-DICHLOROETHENE	REAL	TR1	0.5	UG/L	U	V1	0.27	1	70	RCRA
70493	10/17/01	GW07820RG	trans-1,3-DICHLOROPROPENE	REAL	TR1	1	UG/L	U	V1	0.42	1	0.473	RCRA
70493	10/17/01	GW07820RG	TRICHLOROETHENE	REAL	TR1	1.3	UG/L		V1	0.22	1	5	RCRA
70493	10/17/01	GW07820RG	TRICHLOROFLUOROMETHANE	REAL	TR1	1	UG/L	U	V1	0.28	1		RCRA
70493	10/17/01	GW07820RG	VINYL CHLORIDE	REAL	TR1	1	UG/L	U	V1	0.21	1	2	RCRA
83101	12/5/01	GW07893RG	1,1,1,2-TETRACHLOROETHANE	REAL	TR1	1	UG/L	U	V	0.22	1		D&D Bldg 883/881
83101	12/5/01	GW07893RG	1,1,1-TRICHLOROETHANE	REAL	TR1	1	UG/L	U	V	0.26	1	200	D&D Bldg 883/881
83101	12/5/01	GW07893RG	1,1,2,2-TETRACHLOROETHANE	REAL	TR1	1	UG/L	U	V	0.31	1	0.426	D&D Bldg 883/881
83101	12/5/01	GW07893RG	1,1,2-TRICHLOROETHANE	REAL	TR1	1	UG/L	U	V	0.39	1	5	D&D Bldg 883/881
83101	12/5/01	GW07893RG	1,1,2-TRICHLOROTRIFLUOROETHANE	REAL	TR1	1	UG/L	U	V	0.21	1		D&D Bldg 883/881
83101	12/5/01	GW07893RG	1,1-DICHLOROETHANE	REAL	TR1	1	UG/L	U	V	0.17	1	3650	D&D Bldg 883/881
83101	12/5/01	GW07893RG	1,1-DICHLOROETHENE	REAL	TR1	1	UG/L	U	V	0.2	1	7	D&D Bldg 883/881
83101	12/5/01	GW07893RG	1,1-DICHLOROPROPENE	REAL	TR1	1	UG/L	U	V	0.22	1		D&D Bldg 883/881
83101	12/5/01	GW07893RG	1,2,3-TRICHLOROBENZENE	REAL	TR1	1	UG/L	U	V	0.16	1		D&D Bldg 883/881
83101	12/5/01	GW07893RG	1,2,3-TRICHLOROPROPANE	REAL	TR1	1	UG/L	U	V	0.29	1		D&D Bldg 883/881
83101	12/5/01	GW07893RG	1,2,4-TRICHLOROBENZENE	REAL	TR1	1	UG/L	U	V	0.2	1	70	D&D Bldg 883/881
83101	12/5/01	GW07893RG	1,2-DIBROMOETHANE	REAL	TR1	1	UG/L	U	V	0.36	1		D&D Bldg 883/881
83101	12/5/01	GW07893RG	1,2-DICHLOROBENZENE	REAL	TR1	1	UG/L	U	V	0.24	1	600	D&D Bldg 883/881
83101	12/5/01	GW07893RG	1,2-DICHLOROETHANE	REAL	TR1	1	UG/L	U	V	0.28	1	5	D&D Bldg 883/881
83101	12/5/01	GW07893RG	1,2-DICHLOROPROPANE	REAL	TR1	1	UG/L	U	V	0.21	1	5	D&D Bldg 883/881
83101	12/5/01	GW07893RG	1,3-DICHLOROBENZENE	REAL	TR1	1	UG/L	U	V	0.26	1	600	D&D Bldg 883/881
83101	12/5/01	GW07893RG	1,3-DICHLOROPROPANE	REAL	TR1	1	UG/L	U	V	0.26	1		D&D Bldg 883/881
83101	12/5/01	GW07893RG	1,4-DICHLOROBENZENE	REAL	TR1	1	UG/L	U	V	0.24	1	75	D&D Bldg 883/881
83101	12/5/01	GW07893RG	2,2-DICHLOROPROPANE	REAL	TR1	1	UG/L	U	V	0.21	1		D&D Bldg 883/881
83101	12/5/01	GW07893RG	2-BUTANONE	REAL	TR1	5	UG/L	U	V	0.93	1	21900	D&D Bldg 883/881
83101	12/5/01	GW07893RG	2-HEXANONE	REAL	TR1	5	UG/L	U	V	0.7	1		D&D Bldg 883/881
83101	12/5/01	GW07893RG	4-ISOPROPYLTOLUENE	REAL	TR1	1	UG/L	U	V	0.3	1		D&D Bldg 883/881
83101	12/5/01	GW07893RG	4-METHYL-2-PENTANONE	REAL	TR1	5	UG/L	U	V	0.79	1	2920	D&D Bldg 883/881
83101	12/5/01	GW07893RG	ACETONE	REAL	TR1	10	UG/L	U	V	1.9	1	3650	D&D Bldg 883/881
83101	12/5/01	GW07893RG	BENZENE	REAL	TR1	1	UG/L	U	V	0.21	1	5	D&D Bldg 883/881
83101	12/5/01	GW07893RG	BENZENE, 1,2,4-TRIMETHYL	REAL	TR1	1	UG/L	U	V	0.22	1		D&D Bldg 883/881
83101	12/5/01	GW07893RG	BENZENE, 1,3,5-TRIMETHYL-	REAL	TR1	1	UG/L	U	V	0.29	1		D&D Bldg 883/881
83101	12/5/01	GW07893RG	BROMOBENZENE	REAL	TR1	1	UG/L	U	V	0.24	1		D&D Bldg 883/881
83101	12/5/01	GW07893RG	BROMOCHLOROMETHANE	REAL	TR1	1	UG/L	U	V	0.21	1		D&D Bldg 883/881
83101	12/5/01	GW07893RG	BROMODICHLOROMETHANE	REAL	TR1	1	UG/L	U	V	0.22	1	100	D&D Bldg 883/881
83101	12/5/01	GW07893RG	BROMOFORM	REAL	TR1	1	UG/L	U	V	0.32	1	100	D&D Bldg 883/881
83101	12/5/01	GW07893RG	BROMOMETHANE	REAL	TR1	1	UG/L	U	V	0.3	1	51.1	D&D Bldg 883/881
83101	12/5/01	GW07893RG	CARBON DISULFIDE	REAL	TR1	1	UG/L	U	V	0.19	1	3650	D&D Bldg 883/881
83101	12/5/01	GW07893RG	CARBON TETRACHLORIDE	REAL	TR1	1	UG/L	U	V	0.19	1	5	D&D Bldg 883/881
83101	12/5/01	GW07893RG	CHLOROBENZENE	REAL	TR1	1	UG/L	U	V	0.3	1	100	D&D Bldg 883/881
83101	12/5/01	GW07893RG	CHLOROETHANE	REAL	TR1	1	UG/L	U	V	0.25	1	29.4	D&D Bldg 883/881
83101	12/5/01	GW07893RG	CHLOROFORM	REAL	TR1	2.8	UG/L		V	0.23	1	100	D&D Bldg 883/881
83101	12/5/01	GW07893RG	CHLOROMETHANE	REAL	TR1	1	UG/L	U	V	0.3	1	6.55	D&D Bldg 883/881
83101	12/5/01	GW07893RG	cis-1,2-DICHLOROETHENE	REAL	TR1	29	UG/L		V	0.26	1	70	D&D Bldg 883/881
83101	12/5/01	GW07893RG	cis-1,3-DICHLOROPROPENE	REAL	TR1	1	UG/L	U	V	0.28	1	0.473	D&D Bldg 883/881
83101	12/5/01	GW07893RG	DIBROMOCHLOROMETHANE	REAL	TR1	1	UG/L	U	V	0.38	1	1.01	D&D Bldg 883/881



Appendix A: Groundwater Analytical Data - Dissolved Gasses and Volatile Organic Compounds Fourth Quarter 2001

Location	Sample Date	Sample #	Analyte	QC Type	Result Type	Result	Units	Lab Qual	Valid-ation	Detect Limit	Dilu-tion	Tier II	IMP Well Class
83101	12/5/01	GW07893RG	DIBROMOMETHANE	REAL	TR1	1	UG/L	U	V	0.44	1		D&D Bldg 883/881
83101	12/5/01	GW07893RG	DICHLORODIFLUOROMETHANE	REAL	TR1	1	UG/L	U	V	0.23	1		D&D Bldg 883/881
83101	12/5/01	GW07893RG	ETHYLBENZENE	REAL	TR1	1	UG/L	U	V	0.28	1	700	D&D Bldg 883/881
83101	12/5/01	GW07893RG	HEXACHLOROBUTADIENE	REAL	TR1	1	UG/L	U	V	0.29	1	1.09	D&D Bldg 883/881
83101	12/5/01	GW07893RG	ISOPROPYLBENZENE	REAL	TR1	1	UG/L	U	V	0.31	1		D&D Bldg 883/881
83101	12/5/01	GW07893RG	METHYLENE CHLORIDE	REAL	TR1	1	UG/L	U	V	0.89	1	5	D&D Bldg 883/881
83101	12/5/01	GW07893RG	NAPHTHALENE	REAL	TR1	1	UG/L	U	V	0.15	1	1460	D&D Bldg 883/881
83101	12/5/01	GW07893RG	n-BUTYLBENZENE	REAL	TR1	1	UG/L	U	V	0.26	1		D&D Bldg 883/881
83101	12/5/01	GW07893RG	n-PROPYLBENZENE	REAL	TR1	1	UG/L	U	V	0.23	1		D&D Bldg 883/881
83101	12/5/01	GW07893RG	o-CHLOROTOLUENE	REAL	TR1	1	UG/L	U	V	0.31	1		D&D Bldg 883/881
83101	12/5/01	GW07893RG	p-CHLOROTOLUENE	REAL	TR1	1	UG/L	U	V	0.25	1		D&D Bldg 883/881
83101	12/5/01	GW07893RG	PROPANE, 1,2-DIBROMO-3-CHLORO-	REAL	TR1	1	UG/L	U	V	0.25	1	0.2	D&D Bldg 883/881
83101	12/5/01	GW07893RG	sec-BUTYLBENZENE	REAL	TR1	1	UG/L	U	V	0.26	1		D&D Bldg 883/881
83101	12/5/01	GW07893RG	STYRENE	REAL	TR1	1	UG/L	U	V	0.27	1	100	D&D Bldg 883/881
83101	12/5/01	GW07893RG	tert-BUTYLBENZENE	REAL	TR1	1	UG/L	U	V	0.29	1		D&D Bldg 883/881
83101	12/5/01	GW07893RG	TETRACHLOROETHENE	REAL	TR1	29	UG/L		V	0.36	1	5	D&D Bldg 883/881
83101	12/5/01	GW07893RG	TOLUENE	REAL	TR1	1	UG/L	U	V	0.29	1	1000	D&D Bldg 883/881
83101	12/5/01	GW07893RG	TOTAL XYLENES	REAL	TR1	1	UG/L	U	V	0.95	1	10000	D&D Bldg 883/881
83101	12/5/01	GW07893RG	trans-1,2-DICHLOROETHENE	REAL	TR1	0.5	UG/L	U	V	0.27	1	70	D&D Bldg 883/881
83101	12/5/01	GW07893RG	trans-1,3-DICHLOROPROPENE	REAL	TR1	1	UG/L	U	V	0.42	1	0.473	D&D Bldg 883/881
83101	12/5/01	GW07893RG	TRICHLOROETHENE	REAL	TR1	8.6	UG/L		V	0.22	1	5	D&D Bldg 883/881
83101	12/5/01	GW07893RG	TRICHLOROFLUOROMETHANE	REAL	TR1	1	UG/L	U	V	0.28	1		D&D Bldg 883/881
83101	12/5/01	GW07893RG	VINYL CHLORIDE	REAL	TR1	1	UG/L	U	V	0.21	1	2	D&D Bldg 883/881
83201	12/11/01	GW07894RG	1,1,1,2-TETRACHLOROETHANE	REAL	TR1	1	UG/L	U	V	0.22	1		D&D Bldg 883
83201	12/11/01	GW07894RG	1,1,1-TRICHLOROETHANE	REAL	TR1	1	UG/L	U	V	0.26	1	200	D&D Bldg 883
83201	12/11/01	GW07894RG	1,1,2,2-TETRACHLOROETHANE	REAL	TR1	1	UG/L	U	V	0.31	1	0.426	D&D Bldg 883
83201	12/11/01	GW07894RG	1,1,2-TRICHLOROETHANE	REAL	TR1	1	UG/L	U	V	0.39	1	5	D&D Bldg 883
83201	12/11/01	GW07894RG	1,1,2-TRICHLOROTRIFLUOROETHANE	REAL	TR1	1	UG/L	U	V	0.21	1		D&D Bldg 883
83201	12/11/01	GW07894RG	1,1-DICHLOROETHANE	REAL	TR1	1	UG/L	U	V	0.17	1	3650	D&D Bldg 883
83201	12/11/01	GW07894RG	1,1-DICHLOROETHENE	REAL	TR1	1	UG/L	U	V	0.2	1	7	D&D Bldg 883
83201	12/11/01	GW07894RG	1,1-DICHLOROPROPENE	REAL	TR1	1	UG/L	U	V	0.22	1		D&D Bldg 883
83201	12/11/01	GW07894RG	1,2,3-TRICHLOROBENZENE	REAL	TR1	1	UG/L	U	UJ	0.16	1		D&D Bldg 883
83201	12/11/01	GW07894RG	1,2,3-TRICHLOROPROPANE	REAL	TR1	1	UG/L	U	V	0.29	1		D&D Bldg 883
83201	12/11/01	GW07894RG	1,2,4-TRICHLOROBENZENE	REAL	TR1	1	UG/L	U	UJ	0.2	1	70	D&D Bldg 883
83201	12/11/01	GW07894RG	1,2-DIBROMOETHANE	REAL	TR1	1	UG/L	U	V	0.36	1		D&D Bldg 883
83201	12/11/01	GW07894RG	1,2-DICHLOROBENZENE	REAL	TR1	1	UG/L	U	UJ	0.24	1	600	D&D Bldg 883
83201	12/11/01	GW07894RG	1,2-DICHLOROETHANE	REAL	TR1	1	UG/L	U	V	0.28	1	5	D&D Bldg 883
83201	12/11/01	GW07894RG	1,2-DICHLOROPROPANE	REAL	TR1	1	UG/L	U	V	0.21	1	5	D&D Bldg 883
83201	12/11/01	GW07894RG	1,3-DICHLOROBENZENE	REAL	TR1	1	UG/L	U	UJ	0.26	1	600	D&D Bldg 883
83201	12/11/01	GW07894RG	1,3-DICHLOROPROPANE	REAL	TR1	1	UG/L	U	V	0.26	1		D&D Bldg 883
83201	12/11/01	GW07894RG	1,4-DICHLOROBENZENE	REAL	TR1	1	UG/L	U	UJ	0.24	1	75	D&D Bldg 883
83201	12/11/01	GW07894RG	2,2-DICHLOROPROPANE	REAL	TR1	1	UG/L	U	V	0.21	1		D&D Bldg 883
83201	12/11/01	GW07894RG	2-BUTANONE	REAL	TR1	0.94	UG/L	J	V	0.93	1	21900	D&D Bldg 883
83201	12/11/01	GW07894RG	2-HEXANONE	REAL	TR1	5	UG/L	U	V	0.7	1		D&D Bldg 883
83201	12/11/01	GW07894RG	4-ISOPROPYLTOLUENE	REAL	TR1	1	UG/L	U	UJ	0.3	1		D&D Bldg 883
83201	12/11/01	GW07894RG	4-METHYL-2-PENTANONE	REAL	TR1	5	UG/L	U	V	0.79	1	2920	D&D Bldg 883
83201	12/11/01	GW07894RG	ACETONE	REAL	TR1	5	UG/L	J	V	1.9	1	3650	D&D Bldg 883
83201	12/11/01	GW07894RG	BENZENE	REAL	TR1	1	UG/L	U	UJ	0.21	1	5	D&D Bldg 883
83201	12/11/01	GW07894RG	BENZENE, 1,2,4-TRIMETHYL	REAL	TR1	1	UG/L	U	UJ	0.22	1		D&D Bldg 883
83201	12/11/01	GW07894RG	BENZENE, 1,3,5-TRIMETHYL-	REAL	TR1	1	UG/L	U	UJ	0.29	1		D&D Bldg 883
83201	12/11/01	GW07894RG	BROMOBENZENE	REAL	TR1	1	UG/L	U	UJ	0.24	1		D&D Bldg 883
83201	12/11/01	GW07894RG	BROMOCHLOROMETHANE	REAL	TR1	1	UG/L	U	V	0.21	1		D&D Bldg 883
83201	12/11/01	GW07894RG	BROMODICHLOROMETHANE	REAL	TR1	1	UG/L	U	V	0.22	1	100	D&D Bldg 883
83201	12/11/01	GW07894RG	BROMOFORM	REAL	TR1	1	UG/L	U	V	0.32	1	100	D&D Bldg 883
83201	12/11/01	GW07894RG	BROMOMETHANE	REAL	TR1	1	UG/L	U	V	0.3	1	51.1	D&D Bldg 883
83201	12/11/01	GW07894RG	CARBON DISULFIDE	REAL	TR1	1	UG/L	U	V	0.19	1	3650	D&D Bldg 883

Appendix A: Groundwater Analytical Data - Dissolved Gasses and Volatile Organic Compounds Fourth Quarter 2001

Location	Sample Date	Sample #	Analyte	QC Type	Result Type	Result	Units	Lab Qual	Valid-ation	Detect Limit	Dilu-tion	Tier II	IMP Well Class
83201	12/11/01	GW07894RG	CARBON TETRACHLORIDE	REAL	TR1	1	UG/L	U	V	0.19	1	5	D&D Bldg 883
83201	12/11/01	GW07894RG	CHLOROBENZENE	REAL	TR1	1	UG/L	U	UJ	0.3	1	100	D&D Bldg 883
83201	12/11/01	GW07894RG	CHLOROETHANE	REAL	TR1	1	UG/L	U	V	0.25	1	29.4	D&D Bldg 883
83201	12/11/01	GW07894RG	CHLOROFORM	REAL	TR1	1	UG/L	U	V	0.23	1	100	D&D Bldg 883
83201	12/11/01	GW07894RG	CHLOROMETHANE	REAL	TR1	1	UG/L	U	V	0.3	1	6.55	D&D Bldg 883
83201	12/11/01	GW07894RG	cis-1,2-DICHLOROETHENE	REAL	TR1	8.8	UG/L		V	0.26	1	70	D&D Bldg 883
83201	12/11/01	GW07894RG	cis-1,3-DICHLOROPROPENE	REAL	TR1	1	UG/L	U	V	0.28	1	0.473	D&D Bldg 883
83201	12/11/01	GW07894RG	CYCLOTRILOXANE, HEXAMETHYL (T	REAL	TR1	1.4	UG/L	J	V		1		D&D Bldg 883
83201	12/11/01	GW07894RG	DIBROMOCHLOROMETHANE	REAL	TR1	1	UG/L	U	V	0.38	1	1.01	D&D Bldg 883
83201	12/11/01	GW07894RG	DIBROMOMETHANE	REAL	TR1	1	UG/L	U	V	0.44	1		D&D Bldg 883
83201	12/11/01	GW07894RG	DICHLORODIFLUOROMETHANE	REAL	TR1	1	UG/L	U	V	0.23	1		D&D Bldg 883
83201	12/11/01	GW07894RG	ETHANE, 1,2-DICHLORO-1,1,2-T (TIC)	REAL	TR1	2.5	UG/L	J	V		1		D&D Bldg 883
83201	12/11/01	GW07894RG	ETHYLBENZENE	REAL	TR1	1	UG/L	U	UJ	0.28	1	700	D&D Bldg 883
83201	12/11/01	GW07894RG	HEXACHLOROBUTADIENE	REAL	TR1	1	UG/L	U	V	0.29	1	1.09	D&D Bldg 883
83201	12/11/01	GW07894RG	ISOPROPYLBENZENE	REAL	TR1	1	UG/L	U	UJ	0.31	1		D&D Bldg 883
83201	12/11/01	GW07894RG	METHYLENE CHLORIDE	REAL	TR1	1	UG/L	U	V	0.89	1	5	D&D Bldg 883
83201	12/11/01	GW07894RG	NAPHTHALENE	REAL	TR1	1	UG/L	U	UJ	0.15	1	1460	D&D Bldg 883
83201	12/11/01	GW07894RG	n-BUTYLBENZENE	REAL	TR1	1	UG/L	U	UJ	0.26	1		D&D Bldg 883
83201	12/11/01	GW07894RG	n-PROPYLBENZENE	REAL	TR1	1	UG/L	U	UJ	0.23	1		D&D Bldg 883
83201	12/11/01	GW07894RG	o-CHLOROTOLUENE	REAL	TR1	1	UG/L	U	UJ	0.31	1		D&D Bldg 883
83201	12/11/01	GW07894RG	p-CHLOROTOLUENE	REAL	TR1	1	UG/L	U	UJ	0.25	1		D&D Bldg 883
83201	12/11/01	GW07894RG	PROPANE, 1,2-DIBROMO-3-CHLORO-	REAL	TR1	1	UG/L	U	V	0.25	1	0.2	D&D Bldg 883
83201	12/11/01	GW07894RG	sec-BUTYLBENZENE	REAL	TR1	1	UG/L	U	UJ	0.26	1		D&D Bldg 883
83201	12/11/01	GW07894RG	STYRENE	REAL	TR1	1	UG/L	U	UJ	0.27	1	100	D&D Bldg 883
83201	12/11/01	GW07894RG	tert-BUTYLBENZENE	REAL	TR1	1	UG/L	U	UJ	0.29	1		D&D Bldg 883
83201	12/11/01	GW07894RG	TETRACHLOROETHENE	REAL	TR1	0.63	UG/L	J	V	0.36	1	5	D&D Bldg 883
83201	12/11/01	GW07894RG	TOLUENE	REAL	TR1	1	UG/L	U	UJ	0.29	1	1000	D&D Bldg 883
83201	12/11/01	GW07894RG	TOTAL XYLENES	REAL	TR1	1	UG/L	U	UJ	0.95	1	10000	D&D Bldg 883
83201	12/11/01	GW07894RG	trans-1,2-DICHLOROETHENE	REAL	TR1	0.4	UG/L	J	V	0.27	1	70	D&D Bldg 883
83201	12/11/01	GW07894RG	trans-1,3-DICHLOROPROPENE	REAL	TR1	1	UG/L	U	V	0.42	1	0.473	D&D Bldg 883
83201	12/11/01	GW07894RG	TRICHLOROETHENE	REAL	TR1	0.62	UG/L	J	V	0.22	1	5	D&D Bldg 883
83201	12/11/01	GW07894RG	TRICHLOROFLUOROMETHANE	REAL	TR1	1	UG/L	U	V	0.28	1		D&D Bldg 883
83201	12/11/01	GW07894RG	VINYL CHLORIDE	REAL	TR1	0.22	UG/L	J	V	0.21	1	2	D&D Bldg 883
86501	11/19/01	GW07879RG	1,1,1,2-TETRACHLOROETHANE	REAL	TR1	1	UG/L	U	V1	0.22	1		D&D Bldg 865
86501	11/19/01	GW07879RG	1,1,1-TRICHLOROETHANE	REAL	TR1	1	UG/L	U	V1	0.26	1	200	D&D Bldg 865
86501	11/19/01	GW07879RG	1,1,2,2-TETRACHLOROETHANE	REAL	TR1	1	UG/L	U	V1	0.31	1	0.426	D&D Bldg 865
86501	11/19/01	GW07879RG	1,1,2-TRICHLOROETHANE	REAL	TR1	1	UG/L	U	V1	0.39	1	5	D&D Bldg 865
86501	11/19/01	GW07879RG	1,1,2-TRICHLOROTRIFLUOROETHANE	REAL	TR1	1	UG/L	U	V1	0.21	1		D&D Bldg 865
86501	11/19/01	GW07879RG	1,1-DICHLOROETHANE	REAL	TR1	1	UG/L	U	V1	0.17	1	3650	D&D Bldg 865
86501	11/19/01	GW07879RG	1,1-DICHLOROETHENE	REAL	TR1	1	UG/L	U	V1	0.2	1	7	D&D Bldg 865
86501	11/19/01	GW07879RG	1,1-DICHLOROPROPENE	REAL	TR1	1	UG/L	U	V1	0.22	1		D&D Bldg 865
86501	11/19/01	GW07879RG	1,2,3-TRICHLOROBENZENE	REAL	TR1	1	UG/L	U	UJ1	0.16	1		D&D Bldg 865
86501	11/19/01	GW07879RG	1,2,3-TRICHLOROPROPANE	REAL	TR1	1	UG/L	U	V1	0.29	1		D&D Bldg 865
86501	11/19/01	GW07879RG	1,2,4-TRICHLOROBENZENE	REAL	TR1	1	UG/L	U	UJ1	0.2	1	70	D&D Bldg 865
86501	11/19/01	GW07879RG	1,2-DIBROMOETHANE	REAL	TR1	1	UG/L	U	V1	0.36	1		D&D Bldg 865
86501	11/19/01	GW07879RG	1,2-DICHLOROBENZENE	REAL	TR1	1	UG/L	U	UJ1	0.24	1	600	D&D Bldg 865
86501	11/19/01	GW07879RG	1,2-DICHLOROETHANE	REAL	TR1	1	UG/L	U	V1	0.28	1	5	D&D Bldg 865
86501	11/19/01	GW07879RG	1,2-DICHLOROPROPANE	REAL	TR1	1	UG/L	U	V1	0.21	1	5	D&D Bldg 865
86501	11/19/01	GW07879RG	1,3-DICHLOROBENZENE	REAL	TR1	1	UG/L	U	UJ1	0.26	1	600	D&D Bldg 865
86501	11/19/01	GW07879RG	1,3-DICHLOROPROPANE	REAL	TR1	1	UG/L	U	V1	0.26	1		D&D Bldg 865
86501	11/19/01	GW07879RG	1,4-DICHLOROBENZENE	REAL	TR1	1	UG/L	U	UJ1	0.24	1	75	D&D Bldg 865
86501	11/19/01	GW07879RG	2,2-DICHLOROPROPANE	REAL	TR1	1	UG/L	U	V1	0.21	1		D&D Bldg 865
86501	11/19/01	GW07879RG	2-BUTANONE	REAL	TR1	5	UG/L	U	V1	0.93	1	21900	D&D Bldg 865
86501	11/19/01	GW07879RG	2-HEXANONE	REAL	TR1	5	UG/L	U	V1	0.7	1		D&D Bldg 865
86501	11/19/01	GW07879RG	4-ISOPROPYLTOLUENE	REAL	TR1	1	UG/L	U	UJ1	0.3	1		D&D Bldg 865
86501	11/19/01	GW07879RG	4-METHYL-2-PENTANONE	REAL	TR1	5	UG/L	U	V1	0.79	1	2920	D&D Bldg 865

(TIC) = Tentatively Identified Compound



Appendix A: Groundwater Analytical Data - Dissolved Gasses and Volatile Organic Compounds Fourth Quarter 2001

Location	Sample Date	Sample #	Analyte	QC Type	Result Type	Result	Units	Lab Qual	Valid-ation	Detect Limit	Dilu-tion	Tier II	IMP Well Class
86501	11/19/01	GW07879RG	ACETONE	REAL	TR1	10	UG/L	U	V1	1.9	1	3650	D&D Bldg 865
86501	11/19/01	GW07879RG	BENZENE	REAL	TR1	1	UG/L	U	UJ1	0.21	1	5	D&D Bldg 865
86501	11/19/01	GW07879RG	BENZENE, 1,2,4-TRIMETHYL	REAL	TR1	1	UG/L	U	UJ1	0.22	1		D&D Bldg 865
86501	11/19/01	GW07879RG	BENZENE, 1,3,5-TRIMETHYL-	REAL	TR1	1	UG/L	U	UJ1	0.29	1		D&D Bldg 865
86501	11/19/01	GW07879RG	BROMOBENZENE	REAL	TR1	1	UG/L	U	UJ1	0.24	1		D&D Bldg 865
86501	11/19/01	GW07879RG	BROMOCHLOROMETHANE	REAL	TR1	1	UG/L	U	V1	0.21	1		D&D Bldg 865
86501	11/19/01	GW07879RG	BROMODICHLOROMETHANE	REAL	TR1	1	UG/L	U	V1	0.22	1	100	D&D Bldg 865
86501	11/19/01	GW07879RG	BROMOFORM	REAL	TR1	1	UG/L	U	V1	0.32	1	100	D&D Bldg 865
86501	11/19/01	GW07879RG	BROMOMETHANE	REAL	TR1	1	UG/L	U	V1	0.3	1	51.1	D&D Bldg 865
86501	11/19/01	GW07879RG	CARBON DISULFIDE	REAL	TR1	0.65	UG/L	J	V1	0.19	1	3650	D&D Bldg 865
86501	11/19/01	GW07879RG	CARBON TETRACHLORIDE	REAL	TR1	1	UG/L	U	V1	0.19	1	5	D&D Bldg 865
86501	11/19/01	GW07879RG	CHLOROBENZENE	REAL	TR1	1	UG/L	U	UJ1	0.3	1	100	D&D Bldg 865
86501	11/19/01	GW07879RG	CHLOROETHANE	REAL	TR1	1	UG/L	U	V1	0.25	1	29.4	D&D Bldg 865
86501	11/19/01	GW07879RG	CHLOROFORM	REAL	TR1	1	UG/L	U	V1	0.23	1	100	D&D Bldg 865
86501	11/19/01	GW07879RG	CHLOROMETHANE	REAL	TR1	1	UG/L	U	V1	0.3	1	6.55	D&D Bldg 865
86501	11/19/01	GW07879RG	cis-1,2-DICHLOROETHENE	REAL	TR1	1	UG/L	U	V1	0.26	1	70	D&D Bldg 865
86501	11/19/01	GW07879RG	cis-1,3-DICHLOROPROPENE	REAL	TR1	1	UG/L	U	V1	0.28	1	0.473	D&D Bldg 865
86501	11/19/01	GW07879RG	DIBROMOCHLOROMETHANE	REAL	TR1	1	UG/L	U	V1	0.38	1	1.01	D&D Bldg 865
86501	11/19/01	GW07879RG	DIBROMOMETHANE	REAL	TR1	1	UG/L	U	V1	0.44	1		D&D Bldg 865
86501	11/19/01	GW07879RG	DICHLORODIFLUOROMETHANE	REAL	TR1	1	UG/L	U	V1	0.23	1		D&D Bldg 865
86501	11/19/01	GW07879RG	ETHYLBENZENE	REAL	TR1	1	UG/L	U	UJ1	0.28	1	700	D&D Bldg 865
86501	11/19/01	GW07879RG	HEXACHLOROBUTADIENE	REAL	TR1	1	UG/L	U	V1	0.29	1	1.09	D&D Bldg 865
86501	11/19/01	GW07879RG	ISOPROPYLBENZENE	REAL	TR1	1	UG/L	U	UJ1	0.31	1		D&D Bldg 865
86501	11/19/01	GW07879RG	METHYLENE CHLORIDE	REAL	TR1	1	UG/L	U	V1	0.89	1	5	D&D Bldg 865
86501	11/19/01	GW07879RG	NAPHTHALENE	REAL	TR1	1	UG/L	U	UJ1	0.15	1	1460	D&D Bldg 865
86501	11/19/01	GW07879RG	n-BUTYLBENZENE	REAL	TR1	1	UG/L	U	UJ1	0.26	1		D&D Bldg 865
86501	11/19/01	GW07879RG	n-PROPYLBENZENE	REAL	TR1	1	UG/L	U	UJ1	0.23	1		D&D Bldg 865
86501	11/19/01	GW07879RG	o-CHLOROTOLUENE	REAL	TR1	1	UG/L	U	UJ1	0.31	1		D&D Bldg 865
86501	11/19/01	GW07879RG	p-CHLOROTOLUENE	REAL	TR1	1	UG/L	U	UJ1	0.25	1		D&D Bldg 865
86501	11/19/01	GW07879RG	PROPANE, 1,2-DIBROMO-3-CHLORO-	REAL	TR1	1	UG/L	U	V1	0.25	1	0.2	D&D Bldg 865
86501	11/19/01	GW07879RG	sec-BUTYLBENZENE	REAL	TR1	1	UG/L	U	UJ1	0.26	1		D&D Bldg 865
86501	11/19/01	GW07879RG	STYRENE	REAL	TR1	1	UG/L	U	UJ1	0.27	1	100	D&D Bldg 865
86501	11/19/01	GW07879RG	tert-BUTYLBENZENE	REAL	TR1	1	UG/L	U	UJ1	0.29	1		D&D Bldg 865
86501	11/19/01	GW07879RG	TETRACHLOROETHENE	REAL	TR1	1	UG/L	U	V1	0.36	1	5	D&D Bldg 865
86501	11/19/01	GW07879RG	TOLUENE	REAL	TR1	1	UG/L	U	UJ1	0.29	1	1000	D&D Bldg 865
86501	11/19/01	GW07879RG	TOTAL XYLENES	REAL	TR1	1	UG/L	U	UJ1	0.95	1	10000	D&D Bldg 865
86501	11/19/01	GW07879RG	trans-1,2-DICHLOROETHENE	REAL	TR1	0.5	UG/L	U	V1	0.27	1	70	D&D Bldg 865
86501	11/19/01	GW07879RG	trans-1,3-DICHLOROPROPENE	REAL	TR1	1	UG/L	U	V1	0.42	1	0.473	D&D Bldg 865
86501	11/19/01	GW07879RG	TRICHLOROETHENE	REAL	TR1	1	UG/L	U	V1	0.22	1	5	D&D Bldg 865
86501	11/19/01	GW07879RG	TRICHLOROFLUOROMETHANE	REAL	TR1	1	UG/L	U	V1	0.28	1		D&D Bldg 865
86501	11/19/01	GW07879RG	VINYL CHLORIDE	REAL	TR1	1	UG/L	U	V1	0.21	1	2	D&D Bldg 865
86601	11/20/01	GW07880RG	1,1,1,2-TETRACHLOROETHANE	REAL	TR1	1	UG/L	U	V1	0.22	1		D&D Bldg 865
86601	11/20/01	GW07880RG	1,1,1-TRICHLOROETHANE	REAL	TR1	1	UG/L	U	V1	0.26	1	200	D&D Bldg 865
86601	11/20/01	GW07880RG	1,1,2,2-TETRACHLOROETHANE	REAL	TR1	1	UG/L	U	UJ1	0.31	1	0.426	D&D Bldg 865
86601	11/20/01	GW07880RG	1,1,2-TRICHLOROETHANE	REAL	TR1	1	UG/L	U	V1	0.39	1	5	D&D Bldg 865
86601	11/20/01	GW07880RG	1,1,2-TRICHLOROTRIFLUOROETHANE	REAL	TR1	1	UG/L	U	V1	0.21	1		D&D Bldg 865
86601	11/20/01	GW07880RG	1,1-DICHLOROETHANE	REAL	TR1	1	UG/L	U	V1	0.17	1	3650	D&D Bldg 865
86601	11/20/01	GW07880RG	1,1-DICHLOROETHENE	REAL	TR1	1	UG/L	U	V1	0.2	1	7	D&D Bldg 865
86601	11/20/01	GW07880RG	1,1-DICHLOROPROPENE	REAL	TR1	1	UG/L	U	V1	0.22	1		D&D Bldg 865
86601	11/20/01	GW07880RG	1,2,3-TRICHLOROBENZENE	REAL	TR1	1	UG/L	U	UJ1	0.16	1		D&D Bldg 865
86601	11/20/01	GW07880RG	1,2,3-TRICHLOROPROPANE	REAL	TR1	1	UG/L	U	V1	0.29	1		D&D Bldg 865
86601	11/20/01	GW07880RG	1,2,4-TRICHLOROBENZENE	REAL	TR1	1	UG/L	U	UJ1	0.2	1	70	D&D Bldg 865
86601	11/20/01	GW07880RG	1,2-DIBROMOETHANE	REAL	TR1	1	UG/L	U	V1	0.36	1		D&D Bldg 865
86601	11/20/01	GW07880RG	1,2-DICHLOROBENZENE	REAL	TR1	1	UG/L	U	UJ1	0.24	1	600	D&D Bldg 865
86601	11/20/01	GW07880RG	1,2-DICHLOROETHANE	REAL	TR1	1	UG/L	U	UJ1	0.28	1	5	D&D Bldg 865
86601	11/20/01	GW07880RG	1,2-DICHLOROPROPANE	REAL	TR1	1	UG/L	U	V1	0.21	1	5	D&D Bldg 865

Appendix A: Groundwater Analytical Data - Dissolved Gasses and Volatile Organic Compounds Fourth Quarter 2001

Location	Sample Date	Sample #	Analyte	QC Type	Result Type	Result	Units	Lab Qual	Valid-ation	Detect Limit	Dilu-tion	Tier II	IMP Well Class
86601	11/20/01	GW07880RG	1,3-DICHLOROBENZENE	REAL	TR1	1	UG/L	U	UJ1	0.26	1	600	D&D Bldg 865
86601	11/20/01	GW07880RG	1,3-DICHLOROPROPANE	REAL	TR1	1	UG/L	U	V1	0.26	1		D&D Bldg 865
86601	11/20/01	GW07880RG	1,4-DICHLOROBENZENE	REAL	TR1	1	UG/L	U	UJ1	0.24	1	75	D&D Bldg 865
86601	11/20/01	GW07880RG	2,2-DICHLOROPROPANE	REAL	TR1	1	UG/L	U	V1	0.21	1		D&D Bldg 865
86601	11/20/01	GW07880RG	2-BUTANONE	REAL	TR1	5	UG/L	U	UJ1	0.93	1	21900	D&D Bldg 865
86601	11/20/01	GW07880RG	2-HEXANONE	REAL	TR1	5	UG/L	U	UJ1	0.7	1		D&D Bldg 865
86601	11/20/01	GW07880RG	4-ISOPROPYLTOLUENE	REAL	TR1	1	UG/L	U	UJ1	0.3	1		D&D Bldg 865
86601	11/20/01	GW07880RG	4-METHYL-2-PENTANONE	REAL	TR1	5	UG/L	U	UJ1	0.79	1	2920	D&D Bldg 865
86601	11/20/01	GW07880RG	ACETONE	REAL	TR1	2.7	UG/L	JB	JB1	1.9	1	3650	D&D Bldg 865
86601	11/20/01	GW07880RG	BENZENE	REAL	TR1	1	UG/L	U	UJ1	0.21	1	5	D&D Bldg 865
86601	11/20/01	GW07880RG	BENZENE, 1,2,4-TRIMETHYL	REAL	TR1	1	UG/L	U	UJ1	0.22	1		D&D Bldg 865
86601	11/20/01	GW07880RG	BENZENE, 1,3,5-TRIMETHYL-	REAL	TR1	1	UG/L	U	UJ1	0.29	1		D&D Bldg 865
86601	11/20/01	GW07880RG	BROMOBENZENE	REAL	TR1	1	UG/L	U	UJ1	0.24	1		D&D Bldg 865
86601	11/20/01	GW07880RG	BROMOCHLOROMETHANE	REAL	TR1	1	UG/L	U	V1	0.21	1		D&D Bldg 865
86601	11/20/01	GW07880RG	BROMODICHLOROMETHANE	REAL	TR1	1	UG/L	U	V1	0.22	1	100	D&D Bldg 865
86601	11/20/01	GW07880RG	BROMOFORM	REAL	TR1	1	UG/L	U	UJ1	0.32	1	100	D&D Bldg 865
86601	11/20/01	GW07880RG	BROMOMETHANE	REAL	TR1	1	UG/L	U	UJ1	0.3	1	51.1	D&D Bldg 865
86601	11/20/01	GW07880RG	CARBON DISULFIDE	REAL	TR1	1	UG/L	U	V1	0.19	1	3650	D&D Bldg 865
86601	11/20/01	GW07880RG	CARBON TETRACHLORIDE	REAL	TR1	1	UG/L	U	V1	0.19	1	5	D&D Bldg 865
86601	11/20/01	GW07880RG	CHLOROBENZENE	REAL	TR1	1	UG/L	U	UJ1	0.3	1	100	D&D Bldg 865
86601	11/20/01	GW07880RG	CHLOROETHANE	REAL	TR1	1	UG/L	U	V1	0.25	1	29.4	D&D Bldg 865
86601	11/20/01	GW07880RG	CHLOROFORM	REAL	TR1	1	UG/L	U	V1	0.23	1	100	D&D Bldg 865
86601	11/20/01	GW07880RG	CHLOROMETHANE	REAL	TR1	1	UG/L	U	V1	0.3	1	6.55	D&D Bldg 865
86601	11/20/01	GW07880RG	cis-1,2-DICHLOROETHENE	REAL	TR1	1	UG/L	U	V1	0.26	1	70	D&D Bldg 865
86601	11/20/01	GW07880RG	cis-1,3-DICHLOROPROPENE	REAL	TR1	1	UG/L	U	V1	0.28	1	0.473	D&D Bldg 865
86601	11/20/01	GW07880RG	DIBROMOCHLOROMETHANE	REAL	TR1	1	UG/L	U	V1	0.38	1	1.01	D&D Bldg 865
86601	11/20/01	GW07880RG	DIBROMOMETHANE	REAL	TR1	1	UG/L	U	V1	0.44	1		D&D Bldg 865
86601	11/20/01	GW07880RG	DICHLORODIFLUOROMETHANE	REAL	TR1	1	UG/L	U	UJ1	0.23	1		D&D Bldg 865
86601	11/20/01	GW07880RG	ETHYLBENZENE	REAL	TR1	1	UG/L	U	UJ1	0.28	1	700	D&D Bldg 865
86601	11/20/01	GW07880RG	HEXACHLOROBUTADIENE	REAL	TR1	1	UG/L	U	V1	0.29	1	1.09	D&D Bldg 865
86601	11/20/01	GW07880RG	ISOPROPYLBENZENE	REAL	TR1	1	UG/L	U	UJ1	0.31	1		D&D Bldg 865
86601	11/20/01	GW07880RG	METHYLENE CHLORIDE	REAL	TR1	1	UG/L	U	V1	0.89	1	5	D&D Bldg 865
86601	11/20/01	GW07880RG	NAPHTHALENE	REAL	TR1	1	UG/L	U	UJ1	0.15	1	1460	D&D Bldg 865
86601	11/20/01	GW07880RG	n-BUTYLBENZENE	REAL	TR1	1	UG/L	U	UJ1	0.26	1		D&D Bldg 865
86601	11/20/01	GW07880RG	n-PROPYLBENZENE	REAL	TR1	1	UG/L	U	UJ1	0.23	1		D&D Bldg 865
86601	11/20/01	GW07880RG	o-CHLOROTOLUENE	REAL	TR1	1	UG/L	U	UJ1	0.31	1		D&D Bldg 865
86601	11/20/01	GW07880RG	p-CHLOROTOLUENE	REAL	TR1	1	UG/L	U	UJ1	0.25	1		D&D Bldg 865
86601	11/20/01	GW07880RG	PROPANE, 1,2-DIBROMO-3-CHLORO-	REAL	TR1	1	UG/L	U	V1	0.25	1	0.2	D&D Bldg 865
86601	11/20/01	GW07880RG	sec-BUTYLBENZENE	REAL	TR1	1	UG/L	U	UJ1	0.26	1		D&D Bldg 865
86601	11/20/01	GW07880RG	STYRENE	REAL	TR1	1	UG/L	U	UJ1	0.27	1	100	D&D Bldg 865
86601	11/20/01	GW07880RG	tert-BUTYLBENZENE	REAL	TR1	1	UG/L	U	UJ1	0.29	1		D&D Bldg 865
86601	11/20/01	GW07880RG	TETRACHLOROETHENE	REAL	TR1	1	UG/L	U	V1	0.36	1	5	D&D Bldg 865
86601	11/20/01	GW07880RG	TOLUENE	REAL	TR1	1	UG/L	U	UJ1	0.29	1	1000	D&D Bldg 865
86601	11/20/01	GW07880RG	TOTAL XYLENES	REAL	TR1	1	UG/L	U	UJ1	0.95	1	10000	D&D Bldg 865
86601	11/20/01	GW07880RG	trans-1,2-DICHLOROETHENE	REAL	TR1	0.5	UG/L	U	V1	0.27	1	70	D&D Bldg 865
86601	11/20/01	GW07880RG	trans-1,3-DICHLOROPROPENE	REAL	TR1	1	UG/L	U	V1	0.42	1	0.473	D&D Bldg 865
86601	11/20/01	GW07880RG	TRICHLOROETHENE	REAL	TR1	1	UG/L	U	V1	0.22	1	5	D&D Bldg 865
86601	11/20/01	GW07880RG	TRICHLOROFLUOROMETHANE	REAL	TR1	1	UG/L	U	V1	0.28	1		D&D Bldg 865
86601	11/20/01	GW07880RG	VINYL CHLORIDE	REAL	TR1	1	UG/L	U	V1	0.21	1	2	D&D Bldg 865
891COLWEL	12/17/01	GW07823RG	1,1,1,2-TETRACHLOROETHANE	REAL	TR1	1	UG/L	U	V1	0.22	1		Perf Monitoring
891COLWEL	12/17/01	GW07823RG	1,1,1-TRICHLOROETHANE	REAL	TR1	2.3	UG/L		V1	0.26	1	200	Perf Monitoring
891COLWEL	12/17/01	GW07823RG	1,1,2,2-TETRACHLOROETHANE	REAL	TR1	1	UG/L	U	V1	0.31	1	0.426	Perf Monitoring
891COLWEL	12/17/01	GW07823RG	1,1,2-TRICHLOROETHANE	REAL	TR1	1	UG/L	U	V1	0.39	1	5	Perf Monitoring
891COLWEL	12/17/01	GW07823RG	1,1,2-TRICHLOROTRIFLUOROETHANE	REAL	TR1	1.7	UG/L		V1	0.21	1		Perf Monitoring
891COLWEL	12/17/01	GW07823RG	1,1-DICHLOROETHANE	REAL	TR1	1	UG/L	U	V1	0.17	1	3650	Perf Monitoring
891COLWEL	12/17/01	GW07823RG	1,1-DICHLOROETHENE	REAL	TR1	14	UG/L		V1	0.2	1	7	Perf Monitoring

(TIC) = Tentatively Identified Compound

Appendix A: Groundwater Analytical Data - Dissolved Gasses and Volatile Organic Compounds Fourth Quarter 2001

Location	Sample Date	Sample #	Analyte	QC Type	Result Type	Result	Units	Lab Qual	Valid-ation	Detect Limit	Dilu-tion	Tier II	IMP Well Class
891COLWEL	12/17/01	GW07823RG	1,1-DICHLOROETHENE	REAL	DL1	14	UG/L	J	1	2	10	7	Perf Monitoring
891COLWEL	12/17/01	GW07823RG	1,1-DICHLOROPROPENE	REAL	TR1	1	UG/L	U	V1	0.22	1		Perf Monitoring
891COLWEL	12/17/01	GW07823RG	1,2,3-TRICHLOROBENZENE	REAL	TR1	1	UG/L	U	UJ1	0.16	1		Perf Monitoring
891COLWEL	12/17/01	GW07823RG	1,2,3-TRICHLOROPROPANE	REAL	TR1	1	UG/L	U	V1	0.29	1		Perf Monitoring
891COLWEL	12/17/01	GW07823RG	1,2,4-TRICHLOROBENZENE	REAL	TR1	1	UG/L	U	UJ1	0.2	1	70	Perf Monitoring
891COLWEL	12/17/01	GW07823RG	1,2-DIBROMOETHANE	REAL	TR1	1	UG/L	U	V1	0.36	1		Perf Monitoring
891COLWEL	12/17/01	GW07823RG	1,2-DICHLOROBENZENE	REAL	TR1	1	UG/L	U	UJ1	0.24	1	600	Perf Monitoring
891COLWEL	12/17/01	GW07823RG	1,2-DICHLOROETHANE	REAL	TR1	1	UG/L	U	V1	0.28	1	5	Perf Monitoring
891COLWEL	12/17/01	GW07823RG	1,2-DICHLOROPROPANE	REAL	TR1	1	UG/L	U	V1	0.21	1	5	Perf Monitoring
891COLWEL	12/17/01	GW07823RG	1,3-DICHLOROBENZENE	REAL	TR1	1	UG/L	U	UJ1	0.26	1	600	Perf Monitoring
891COLWEL	12/17/01	GW07823RG	1,3-DICHLOROPROPANE	REAL	TR1	1	UG/L	U	V1	0.26	1		Perf Monitoring
891COLWEL	12/17/01	GW07823RG	1,4-DICHLOROBENZENE	REAL	TR1	1	UG/L	U	UJ1	0.24	1	75	Perf Monitoring
891COLWEL	12/17/01	GW07823RG	2,2-DICHLOROPROPANE	REAL	TR1	1	UG/L	U	V1	0.21	1		Perf Monitoring
891COLWEL	12/17/01	GW07823RG	2-BUTANONE	REAL	TR1	5	UG/L	U	V1	0.93	1	21900	Perf Monitoring
891COLWEL	12/17/01	GW07823RG	2-HEXANONE	REAL	TR1	5	UG/L	U	V1	0.7	1		Perf Monitoring
891COLWEL	12/17/01	GW07823RG	4-ISOPROPYLTOLUENE	REAL	TR1	1	UG/L	U	UJ1	0.3	1		Perf Monitoring
891COLWEL	12/17/01	GW07823RG	4-METHYL-2-PENTANONE	REAL	TR1	5	UG/L	U	V1	0.79	1	2920	Perf Monitoring
891COLWEL	12/17/01	GW07823RG	ACETONE	REAL	TR1	10	UG/L	U	V1	1.9	1	3650	Perf Monitoring
891COLWEL	12/17/01	GW07823RG	BENZENE	REAL	DL1	100	UG/L	U	1	2.1	10	5	Perf Monitoring
891COLWEL	12/17/01	GW07823RG	BENZENE	REAL	TR1	1	UG/L	U	UJ1	0.21	1	5	Perf Monitoring
891COLWEL	12/17/01	GW07823RG	BENZENE, 1,2,4-TRIMETHYL	REAL	TR1	1	UG/L	U	UJ1	0.22	1		Perf Monitoring
891COLWEL	12/17/01	GW07823RG	BENZENE, 1,3,5-TRIMETHYL-	REAL	TR1	1	UG/L	U	UJ1	0.29	1		Perf Monitoring
891COLWEL	12/17/01	GW07823RG	BROMOBENZENE	REAL	TR1	1	UG/L	U	UJ1	0.24	1		Perf Monitoring
891COLWEL	12/17/01	GW07823RG	BROMOCHLOROMETHANE	REAL	TR1	1	UG/L	U	V1	0.21	1		Perf Monitoring
891COLWEL	12/17/01	GW07823RG	BROMODICHLOROMETHANE	REAL	TR1	1	UG/L	U	V1	0.22	1	100	Perf Monitoring
891COLWEL	12/17/01	GW07823RG	BROMOFORM	REAL	TR1	1	UG/L	U	V1	0.32	1	100	Perf Monitoring
891COLWEL	12/17/01	GW07823RG	BROMOMETHANE	REAL	TR1	1	UG/L	U	V1	0.3	1	51.1	Perf Monitoring
891COLWEL	12/17/01	GW07823RG	CARBON DISULFIDE	REAL	TR1	1	UG/L	U	V1	0.19	1	3650	Perf Monitoring
891COLWEL	12/17/01	GW07823RG	CARBON TETRACHLORIDE	REAL	TR1	13	UG/L		V1	0.19	1	5	Perf Monitoring
891COLWEL	12/17/01	GW07823RG	CHLOROBENZENE	REAL	TR1	1	UG/L	U	UJ1	0.3	1	100	Perf Monitoring
891COLWEL	12/17/01	GW07823RG	CHLOROBENZENE	REAL	DL1	100	UG/L	U	1	3	10	100	Perf Monitoring
891COLWEL	12/17/01	GW07823RG	CHLOROETHANE	REAL	TR1	1	UG/L	U	V1	0.25	1	29.4	Perf Monitoring
891COLWEL	12/17/01	GW07823RG	CHLOROFORM	REAL	TR1	0.74	UG/L	J	V1	0.23	1	100	Perf Monitoring
891COLWEL	12/17/01	GW07823RG	CHLOROMETHANE	REAL	TR1	1	UG/L	U	V1	0.3	1	6.55	Perf Monitoring
891COLWEL	12/17/01	GW07823RG	cis-1,2-DICHLOROETHENE	REAL	TR1	1	UG/L	U	V1	0.26	1	70	Perf Monitoring
891COLWEL	12/17/01	GW07823RG	cis-1,3-DICHLOROPROPENE	REAL	TR1	1	UG/L	U	V1	0.28	1	0.473	Perf Monitoring
891COLWEL	12/17/01	GW07823RG	DIBROMOCHLOROMETHANE	REAL	TR1	1	UG/L	U	V1	0.38	1	1.01	Perf Monitoring
891COLWEL	12/17/01	GW07823RG	DIBROMOMETHANE	REAL	TR1	1	UG/L	U	V1	0.44	1		Perf Monitoring
891COLWEL	12/17/01	GW07823RG	DICHLORODIFLUOROMETHANE	REAL	TR1	1	UG/L	U	V1	0.23	1		Perf Monitoring
891COLWEL	12/17/01	GW07823RG	ETHYLBENZENE	REAL	TR1	1	UG/L	U	UJ1	0.28	1	700	Perf Monitoring
891COLWEL	12/17/01	GW07823RG	HEXACHLOROBUTADIENE	REAL	TR1	1	UG/L	U	V1	0.29	1	1.09	Perf Monitoring
891COLWEL	12/17/01	GW07823RG	ISOPROPYLBENZENE	REAL	TR1	1	UG/L	U	UJ1	0.31	1		Perf Monitoring
891COLWEL	12/17/01	GW07823RG	METHYLENE CHLORIDE	REAL	TR1	1	UG/L	U	V1	0.89	1	5	Perf Monitoring
891COLWEL	12/17/01	GW07823RG	NAPHTHALENE	REAL	TR1	1	UG/L	U	UJ1	0.15	1	1460	Perf Monitoring
891COLWEL	12/17/01	GW07823RG	n-BUTYLBENZENE	REAL	TR1	1	UG/L	U	UJ1	0.26	1		Perf Monitoring
891COLWEL	12/17/01	GW07823RG	n-PROPYLBENZENE	REAL	TR1	1	UG/L	U	UJ1	0.23	1		Perf Monitoring
891COLWEL	12/17/01	GW07823RG	o-CHLOROTOLUENE	REAL	TR1	1	UG/L	U	UJ1	0.31	1		Perf Monitoring
891COLWEL	12/17/01	GW07823RG	p-CHLOROTOLUENE	REAL	TR1	1	UG/L	U	UJ1	0.25	1		Perf Monitoring
891COLWEL	12/17/01	GW07823RG	PROPANE, 1,2-DIBROMO-3-CHLORO-	REAL	TR1	1	UG/L	U	V1	0.25	1	0.2	Perf Monitoring
891COLWEL	12/17/01	GW07823RG	sec-BUTYLBENZENE	REAL	TR1	1	UG/L	U	UJ1	0.26	1		Perf Monitoring
891COLWEL	12/17/01	GW07823RG	STYRENE	REAL	TR1	1	UG/L	U	UJ1	0.27	1	100	Perf Monitoring
891COLWEL	12/17/01	GW07823RG	tert-BUTYLBENZENE	REAL	TR1	1	UG/L	U	UJ1	0.29	1		Perf Monitoring
891COLWEL	12/17/01	GW07823RG	TETRACHLOROETHENE	REAL	TR1	29	UG/L		V1	0.36	1	5	Perf Monitoring
891COLWEL	12/17/01	GW07823RG	TOLUENE	REAL	TR1	1	UG/L	U	UJ1	0.29	1	1000	Perf Monitoring
891COLWEL	12/17/01	GW07823RG	TOLUENE	REAL	DL1	100	UG/L	U	1	2.9	10	1000	Perf Monitoring
891COLWEL	12/17/01	GW07823RG	TOTAL XYLENES	REAL	TR1	1	UG/L	U	UJ1	0.95	1	10000	Perf Monitoring

**Appendix A: Groundwater Analytical Data - Dissolved Gasses and Volatile Organic Compounds Fourth Quarter 2001**

Location	Sample Date	Sample #	Analyte	QC Type	Result Type	Result	Units	Lab Qual	Valid-ation	Detect Limit	Dilution	Tier II	IMP Well Class
891COLWEL	12/17/01	GW07823RG	trans-1,2-DICHLOROETHENE	REAL	TR1	0.5	UG/L	U	V1	0.27	1	70	Perf Monitoring
891COLWEL	12/17/01	GW07823RG	trans-1,3-DICHLOROPROPENE	REAL	TR1	1	UG/L	U	V1	0.42	1	0.473	Perf Monitoring
891COLWEL	12/17/01	GW07823RG	TRICHLOROETHENE	REAL	DL1	320	UG/L		V1	2.2	10	5	Perf Monitoring
891COLWEL	12/17/01	GW07823RG	TRICHLOROFLUOROMETHANE	REAL	TR1	1	UG/L	U	V1	0.28	1		Perf Monitoring
891COLWEL	12/17/01	GW07823RG	VINYL CHLORIDE	REAL	TR1	1	UG/L	U	V1	0.21	1	2	Perf Monitoring
95099	10/22/01	GW07806RG	1,1,1,2-TETRACHLOROETHANE	REAL	TR1	1	UG/L	U	V1	0.22	1		Perf Monitoring
95099	10/22/01	GW07806RG	1,1,1-TRICHLOROETHANE	REAL	TR1	1	UG/L	U	V1	0.26	1	200	Perf Monitoring
95099	10/22/01	GW07806RG	1,1,2,2-TETRACHLOROETHANE	REAL	TR1	1	UG/L	U	V1	0.31	1	0.426	Perf Monitoring
95099	10/22/01	GW07806RG	1,1,2-TRICHLOROETHANE	REAL	TR1	1	UG/L	U	V1	0.39	1	5	Perf Monitoring
95099	10/22/01	GW07806RG	1,1,2-TRICHLOROTRIFLUOROETHANE	REAL	TR1	1	UG/L	U	V1	0.21	1		Perf Monitoring
95099	10/22/01	GW07806RG	1,1-DICHLOROETHANE	REAL	TR1	1	UG/L	U	V1	0.17	1	3650	Perf Monitoring
95099	10/22/01	GW07806RG	1,1-DICHLOROETHENE	REAL	TR1	1	UG/L	U	V1	0.2	1	7	Perf Monitoring
95099	10/22/01	GW07806RG	1,1-DICHLOROPROPENE	REAL	TR1	1	UG/L	U	V1	0.22	1		Perf Monitoring
95099	10/22/01	GW07806RG	1,2,3-TRICHLOROBENZENE	REAL	TR1	1	UG/L	U	V1	0.16	1		Perf Monitoring
95099	10/22/01	GW07806RG	1,2,3-TRICHLOROPROPANE	REAL	TR1	1	UG/L	U	V1	0.29	1		Perf Monitoring
95099	10/22/01	GW07806RG	1,2,4-TRICHLOROBENZENE	REAL	TR1	1	UG/L	U	V1	0.2	1	70	Perf Monitoring
95099	10/22/01	GW07806RG	1,2-DIBROMOETHANE	REAL	TR1	1	UG/L	U	V1	0.36	1		Perf Monitoring
95099	10/22/01	GW07806RG	1,2-DICHLOROBENZENE	REAL	TR1	1	UG/L	U	V1	0.24	1	600	Perf Monitoring
95099	10/22/01	GW07806RG	1,2-DICHLOROETHANE	REAL	TR1	1	UG/L	U	V1	0.28	1	5	Perf Monitoring
95099	10/22/01	GW07806RG	1,2-DICHLOROPROPANE	REAL	TR1	1	UG/L	U	V1	0.21	1	5	Perf Monitoring
95099	10/22/01	GW07806RG	1,3-DICHLOROBENZENE	REAL	TR1	1	UG/L	U	V1	0.26	1	600	Perf Monitoring
95099	10/22/01	GW07806RG	1,3-DICHLOROPROPANE	REAL	TR1	1	UG/L	U	V1	0.26	1		Perf Monitoring
95099	10/22/01	GW07806RG	1,4-DICHLOROBENZENE	REAL	TR1	1	UG/L	U	V1	0.24	1	75	Perf Monitoring
95099	10/22/01	GW07806RG	2,2-DICHLOROPROPANE	REAL	TR1	1	UG/L	U	V1	0.21	1		Perf Monitoring
95099	10/22/01	GW07806RG	2-BUTANONE	REAL	TR1	5	UG/L	U	V1	0.93	1	21900	Perf Monitoring
95099	10/22/01	GW07806RG	2-HEXANONE	REAL	TR1	5	UG/L	U	V1	0.7	1		Perf Monitoring
95099	10/22/01	GW07806RG	4-ISOPROPYLTOLUENE	REAL	TR1	1	UG/L	U	V1	0.3	1		Perf Monitoring
95099	10/22/01	GW07806RG	4-METHYL-2-PENTANONE	REAL	TR1	5	UG/L	U	V1	0.79	1	2920	Perf Monitoring
95099	10/22/01	GW07806RG	ACETONE	REAL	TR1	10	UG/L	U	V1	1.9	1	3650	Perf Monitoring
95099	10/22/01	GW07806RG	BENZENE	REAL	TR1	1	UG/L	U	V1	0.21	1	5	Perf Monitoring
95099	10/22/01	GW07806RG	BENZENE, 1,2,4-TRIMETHYL	REAL	TR1	1	UG/L	U	V1	0.22	1		Perf Monitoring
95099	10/22/01	GW07806RG	BENZENE, 1,3,5-TRIMETHYL-	REAL	TR1	1	UG/L	U	V1	0.29	1		Perf Monitoring
95099	10/22/01	GW07806RG	BROMOBENZENE	REAL	TR1	1	UG/L	U	V1	0.24	1		Perf Monitoring
95099	10/22/01	GW07806RG	BROMOCHLOROMETHANE	REAL	TR1	1	UG/L	U	V1	0.21	1		Perf Monitoring
95099	10/22/01	GW07806RG	BROMODICHLOROMETHANE	REAL	TR1	1	UG/L	U	V1	0.22	1	100	Perf Monitoring
95099	10/22/01	GW07806RG	BROMOFORM	REAL	TR1	1	UG/L	U	V1	0.32	1	100	Perf Monitoring
95099	10/22/01	GW07806RG	BROMOMETHANE	REAL	TR1	1	UG/L	U	V1	0.3	1	51.1	Perf Monitoring
95099	10/22/01	GW07806RG	CARBON DISULFIDE	REAL	TR1	1	UG/L	U	V1	0.19	1	3650	Perf Monitoring
95099	10/22/01	GW07806RG	CARBON TETRACHLORIDE	REAL	TR1	0.2	UG/L	J	V1	0.19	1	5	Perf Monitoring
95099	10/22/01	GW07806RG	CHLOROBENZENE	REAL	TR1	1	UG/L	U	V1	0.3	1	100	Perf Monitoring
95099	10/22/01	GW07806RG	CHLOROETHANE	REAL	TR1	1	UG/L	U	V1	0.25	1	29.4	Perf Monitoring
95099	10/22/01	GW07806RG	CHLOROFORM	REAL	TR1	1	UG/L	U	V1	0.23	1	100	Perf Monitoring
95099	10/22/01	GW07806RG	CHLOROMETHANE	REAL	TR1	1	UG/L	U	V1	0.3	1	6.55	Perf Monitoring
95099	10/22/01	GW07806RG	cis-1,2-DICHLOROETHENE	REAL	TR1	1	UG/L	U	V1	0.26	1	70	Perf Monitoring
95099	10/22/01	GW07806RG	cis-1,3-DICHLOROPROPENE	REAL	TR1	1	UG/L	U	V1	0.28	1	0.473	Perf Monitoring
95099	10/22/01	GW07806RG	DIBROMOCHLOROMETHANE	REAL	TR1	1	UG/L	U	V1	0.38	1	1.01	Perf Monitoring
95099	10/22/01	GW07806RG	DIBROMOMETHANE	REAL	TR1	1	UG/L	U	V1	0.44	1		Perf Monitoring
95099	10/22/01	GW07806RG	DICHLORODIFLUOROMETHANE	REAL	TR1	1	UG/L	U	V1	0.23	1		Perf Monitoring
95099	10/22/01	GW07806RG	ETHYLBENZENE	REAL	TR1	1	UG/L	U	V1	0.28	1	700	Perf Monitoring
95099	10/22/01	GW07806RG	HEXACHLOROBUTADIENE	REAL	TR1	1	UG/L	U	V1	0.29	1	1.09	Perf Monitoring
95099	10/22/01	GW07806RG	ISOPROPYLBENZENE	REAL	TR1	1	UG/L	U	V1	0.31	1		Perf Monitoring
95099	10/22/01	GW07806RG	METHYLENE CHLORIDE	REAL	TR1	1	UG/L	U	V1	0.89	1	5	Perf Monitoring
95099	10/22/01	GW07806RG	NAPHTHALENE	REAL	TR1	1	UG/L	U	V1	0.15	1	1460	Perf Monitoring
95099	10/22/01	GW07806RG	n-BUTYLBENZENE	REAL	TR1	1	UG/L	U	V1	0.26	1		Perf Monitoring
95099	10/22/01	GW07806RG	n-PROPYLBENZENE	REAL	TR1	1	UG/L	U	V1	0.23	1		Perf Monitoring
95099	10/22/01	GW07806RG	o-CHLOROTOLUENE	REAL	TR1	1	UG/L	U	V1	0.31	1		Perf Monitoring

(TIC) = Tentatively Identified Compound

Appendix A: Groundwater Analytical Data - Dissolved Gasses and Volatile Organic Compounds Fourth Quarter 2001

Location	Sample Date	Sample #	Analyte	QC Type	Result Type	Result	Units	Lab Qual	Valid-ation	Detect Limit	Dilu-tion	Tier II	IMP Well Class
95099	10/22/01	GW07806RG	p-CHLOROTOLUENE	REAL	TR1	1	UG/L	U	V1	0.25	1		Perf Monitoring
95099	10/22/01	GW07806RG	PROPANE, 1,2-DIBROMO-3-CHLORO-	REAL	TR1	1	UG/L	U	V1	0.25	1	0.2	Perf Monitoring
95099	10/22/01	GW07806RG	sec-BUTYLBENZENE	REAL	TR1	1	UG/L	U	V1	0.26	1		Perf Monitoring
95099	10/22/01	GW07806RG	STYRENE	REAL	TR1	1	UG/L	U	V1	0.27	1	100	Perf Monitoring
95099	10/22/01	GW07806RG	tert-BUTYLBENZENE	REAL	TR1	1	UG/L	U	V1	0.29	1		Perf Monitoring
95099	10/22/01	GW07806RG	TETRACHLOROETHENE	REAL	TR1	1	UG/L	U	V1	0.36	1	5	Perf Monitoring
95099	10/22/01	GW07806RG	TOLUENE	REAL	TR1	1	UG/L	U	V1	0.29	1	1000	Perf Monitoring
95099	10/22/01	GW07806RG	TOTAL XYLENES	REAL	TR1	1	UG/L	U	V1	0.95	1	10000	Perf Monitoring
95099	10/22/01	GW07806RG	trans-1,2-DICHLOROETHENE	REAL	TR1	0.5	UG/L	U	V1	0.27	1	70	Perf Monitoring
95099	10/22/01	GW07806RG	trans-1,3-DICHLOROPROPENE	REAL	TR1	1	UG/L	U	V1	0.42	1	0.473	Perf Monitoring
95099	10/22/01	GW07806RG	TRICHLOROETHENE	REAL	TR1	1	UG/L	U	V1	0.22	1	5	Perf Monitoring
95099	10/22/01	GW07806RG	TRICHLOROFLUOROMETHANE	REAL	TR1	1	UG/L	U	V1	0.28	1		Perf Monitoring
95099	10/22/01	GW07806RG	VINYL CHLORIDE	REAL	TR1	1	UG/L	U	V1	0.21	1	2	Perf Monitoring
95199	10/23/01	GW07807RG	1,1,1,2-TETRACHLOROETHANE	REAL	TR1	1	UG/L	U	V1	0.22	1		Perf Monitoring
95199	10/23/01	GW07807RG	1,1,1-TRICHLOROETHANE	REAL	TR1	1	UG/L	U	V1	0.26	1	200	Perf Monitoring
95199	10/23/01	GW07807RG	1,1,2,2-TETRACHLOROETHANE	REAL	TR1	1	UG/L	U	V1	0.31	1	0.426	Perf Monitoring
95199	10/23/01	GW07807RG	1,1,2-TRICHLOROETHANE	REAL	TR1	1	UG/L	U	V1	0.39	1	5	Perf Monitoring
95199	10/23/01	GW07807RG	1,1,2-TRICHLOROTRIFLUOROETHANE	REAL	TR1	1	UG/L	U	V1	0.21	1		Perf Monitoring
95199	10/23/01	GW07807RG	1,1-DICHLOROETHANE	REAL	TR1	1.6	UG/L		V1	0.17	1	3650	Perf Monitoring
95199	10/23/01	GW07807RG	1,1-DICHLOROETHENE	REAL	TR1	0.44	UG/L	J	V1	0.2	1	7	Perf Monitoring
95199	10/23/01	GW07807RG	1,1-DICHLOROPROPENE	REAL	TR1	1	UG/L	U	V1	0.22	1		Perf Monitoring
95199	10/23/01	GW07807RG	1,2,3-TRICHLOROBENZENE	REAL	TR1	1	UG/L	U	UJ1	0.16	1		Perf Monitoring
95199	10/23/01	GW07807RG	1,2,3-TRICHLOROPROPANE	REAL	TR1	1	UG/L	U	V1	0.29	1		Perf Monitoring
95199	10/23/01	GW07807RG	1,2,4-TRICHLOROBENZENE	REAL	TR1	1	UG/L	U	UJ1	0.2	1	70	Perf Monitoring
95199	10/23/01	GW07807RG	1,2-DIBROMOETHANE	REAL	TR1	1	UG/L	U	V1	0.36	1		Perf Monitoring
95199	10/23/01	GW07807RG	1,2-DICHLOROBENZENE	REAL	TR1	1	UG/L	U	UJ1	0.24	1	600	Perf Monitoring
95199	10/23/01	GW07807RG	1,2-DICHLOROETHANE	REAL	TR1	1	UG/L	U	V1	0.28	1	5	Perf Monitoring
95199	10/23/01	GW07807RG	1,2-DICHLOROPROPANE	REAL	TR1	1	UG/L	U	V1	0.21	1	5	Perf Monitoring
95199	10/23/01	GW07807RG	1,3-DICHLOROBENZENE	REAL	TR1	1	UG/L	U	UJ1	0.26	1	600	Perf Monitoring
95199	10/23/01	GW07807RG	1,3-DICHLOROPROPANE	REAL	TR1	1	UG/L	U	V1	0.26	1		Perf Monitoring
95199	10/23/01	GW07807RG	1,4-DICHLOROBENZENE	REAL	TR1	1	UG/L	U	UJ1	0.24	1	75	Perf Monitoring
95199	10/23/01	GW07807RG	2,2-DICHLOROPROPANE	REAL	TR1	1	UG/L	U	V1	0.21	1		Perf Monitoring
95199	10/23/01	GW07807RG	2-BUTANONE	REAL	TR1	5	UG/L	U	UJ1	0.93	1	21900	Perf Monitoring
95199	10/23/01	GW07807RG	2-HEXANONE	REAL	TR1	5	UG/L	U	UJ1	0.7	1		Perf Monitoring
95199	10/23/01	GW07807RG	4-ISOPROPYLTOLUENE	REAL	TR1	1	UG/L	U	UJ1	0.3	1		Perf Monitoring
95199	10/23/01	GW07807RG	4-METHYL-2-PENTANONE	REAL	TR1	5	UG/L	U	V1	0.79	1	2920	Perf Monitoring
95199	10/23/01	GW07807RG	ACETONE	REAL	TR1	10	UG/L	U	UJ1	1.9	1	3650	Perf Monitoring
95199	10/23/01	GW07807RG	BENZENE	REAL	TR1	1	UG/L	U	UJ1	0.21	1	5	Perf Monitoring
95199	10/23/01	GW07807RG	BENZENE, 1,2,4-TRIMETHYL	REAL	TR1	1	UG/L	U	UJ1	0.22	1		Perf Monitoring
95199	10/23/01	GW07807RG	BENZENE, 1,3,5-TRIMETHYL-	REAL	TR1	1	UG/L	U	UJ1	0.29	1		Perf Monitoring
95199	10/23/01	GW07807RG	BROMOBENZENE	REAL	TR1	1	UG/L	U	UJ1	0.24	1		Perf Monitoring
95199	10/23/01	GW07807RG	BROMOCHLOROMETHANE	REAL	TR1	1	UG/L	U	V1	0.21	1		Perf Monitoring
95199	10/23/01	GW07807RG	BROMODICHLOROMETHANE	REAL	TR1	1	UG/L	U	V1	0.22	1	100	Perf Monitoring
95199	10/23/01	GW07807RG	BROMOFORM	REAL	TR1	1	UG/L	U	V1	0.32	1	100	Perf Monitoring
95199	10/23/01	GW07807RG	BROMOMETHANE	REAL	TR1	1	UG/L	U	UJ1	0.3	1	51.1	Perf Monitoring
95199	10/23/01	GW07807RG	CARBON DISULFIDE	REAL	TR1	1	UG/L	U	V1	0.19	1	3650	Perf Monitoring
95199	10/23/01	GW07807RG	CARBON TETRACHLORIDE	REAL	TR1	1	UG/L	U	V1	0.19	1	5	Perf Monitoring
95199	10/23/01	GW07807RG	CHLOROBENZENE	REAL	TR1	1	UG/L	U	UJ1	0.3	1	100	Perf Monitoring
95199	10/23/01	GW07807RG	CHLOROETHANE	REAL	TR1	1	UG/L	U	V1	0.25	1	29.4	Perf Monitoring
95199	10/23/01	GW07807RG	CHLOROFORM	REAL	TR1	1	UG/L	U	V1	0.23	1	100	Perf Monitoring
95199	10/23/01	GW07807RG	CHLOROMETHANE	REAL	TR1	1	UG/L	U	V1	0.3	1	6.55	Perf Monitoring
95199	10/23/01	GW07807RG	cis-1,2-DICHLOROETHENE	REAL	TR1	2.5	UG/L		V1	0.26	1	70	Perf Monitoring
95199	10/23/01	GW07807RG	cis-1,3-DICHLOROPROPENE	REAL	TR1	1	UG/L	U	V1	0.28	1	0.473	Perf Monitoring
95199	10/23/01	GW07807RG	DIBROMOCHLOROMETHANE	REAL	TR1	1	UG/L	U	V1	0.38	1	1.01	Perf Monitoring
95199	10/23/01	GW07807RG	DIBROMOMETHANE	REAL	TR1	1	UG/L	U	V1	0.44	1		Perf Monitoring
95199	10/23/01	GW07807RG	DICHLORODIFLUOROMETHANE	REAL	TR1	1	UG/L	U	V1	0.23	1		Perf Monitoring

Appendix A: Groundwater Analytical Data - Dissolved Gasses and Volatile Organic Compounds Fourth Quarter 2001

Location	Sample Date	Sample #	Analyte	QC Type	Result Type	Result	Units	Lab Qual	Valid-ation	Detect Limit	Dilu-tion	Tier II	IMP Well Class
95199	10/23/01	GW07807RG	ETHYLBENZENE	REAL	TR1	1	UG/L	U	UJ1	0.28	1	700	Perf Monitoring
95199	10/23/01	GW07807RG	HEXACHLOROBUTADIENE	REAL	TR1	1	UG/L	U	V1	0.29	1	1.09	Perf Monitoring
95199	10/23/01	GW07807RG	ISOPROPYLBENZENE	REAL	TR1	1	UG/L	U	UJ1	0.31	1		Perf Monitoring
95199	10/23/01	GW07807RG	METHYLENE CHLORIDE	REAL	TR1	1	UG/L	U	V1	0.89	1	5	Perf Monitoring
95199	10/23/01	GW07807RG	NAPHTHALENE	REAL	TR1	1	UG/L	U	UJ1	0.15	1	1460	Perf Monitoring
95199	10/23/01	GW07807RG	n-BUTYLBENZENE	REAL	TR1	1	UG/L	U	UJ1	0.26	1		Perf Monitoring
95199	10/23/01	GW07807RG	n-PROPYLBENZENE	REAL	TR1	1	UG/L	U	UJ1	0.23	1		Perf Monitoring
95199	10/23/01	GW07807RG	o-CHLOROTOLUENE	REAL	TR1	1	UG/L	U	UJ1	0.31	1		Perf Monitoring
95199	10/23/01	GW07807RG	p-CHLOROTOLUENE	REAL	TR1	1	UG/L	U	UJ1	0.25	1		Perf Monitoring
95199	10/23/01	GW07807RG	PROPANE, 1,2-DIBROMO-3-CHLORO-	REAL	TR1	1	UG/L	U	V1	0.25	1	0.2	Perf Monitoring
95199	10/23/01	GW07807RG	sec-BUTYLBENZENE	REAL	TR1	1	UG/L	U	UJ1	0.26	1		Perf Monitoring
95199	10/23/01	GW07807RG	STYRENE	REAL	TR1	1	UG/L	U	UJ1	0.27	1	100	Perf Monitoring
95199	10/23/01	GW07807RG	tert-BUTYLBENZENE	REAL	TR1	1	UG/L	U	UJ1	0.29	1		Perf Monitoring
95199	10/23/01	GW07807RG	TETRACHLOROETHENE	REAL	TR1	2	UG/L		V1	0.36	1	5	Perf Monitoring
95199	10/23/01	GW07807RG	TOLUENE	REAL	TR1	1	UG/L	U	UJ1	0.29	1	1000	Perf Monitoring
95199	10/23/01	GW07807RG	TOTAL XYLENES	REAL	TR1	1	UG/L	U	UJ1	0.95	1	10000	Perf Monitoring
95199	10/23/01	GW07807RG	trans-1,2-DICHLOROETHENE	REAL	TR1	0.5	UG/L	U	V1	0.27	1	70	Perf Monitoring
95199	10/23/01	GW07807RG	trans-1,3-DICHLOROPROPENE	REAL	TR1	1	UG/L	U	V1	0.42	1	0.473	Perf Monitoring
95199	10/23/01	GW07807RG	TRICHLOROETHENE	REAL	TR1	51	UG/L		V1	0.22	1	5	Perf Monitoring
95199	10/23/01	GW07807RG	TRICHLOROFLUOROMETHANE	REAL	TR1	1	UG/L	U	V1	0.28	1		Perf Monitoring
95199	10/23/01	GW07807RG	VINYL CHLORIDE	REAL	TR1	1	UG/L	U	V1	0.21	1	2	Perf Monitoring
99301	12/6/01	GW07897RG	1,1,1,2-TETRACHLOROETHANE	REAL	TR1	1	UG/L	U	V	0.22	1		D&D Bldg 991
99301	12/6/01	GW07897RG	1,1,1-TRICHLOROETHANE	REAL	TR1	1	UG/L	U	V	0.26	1	200	D&D Bldg 991
99301	12/6/01	GW07897RG	1,1,2,2-TETRACHLOROETHANE	REAL	TR1	1	UG/L	U	V	0.31	1	0.426	D&D Bldg 991
99301	12/6/01	GW07897RG	1,1,2-TRICHLOROETHANE	REAL	TR1	1	UG/L	U	V	0.39	1	5	D&D Bldg 991
99301	12/6/01	GW07897RG	1,1,2-TRICHLOROTRIFLUOROETHANE	REAL	TR1	6	UG/L		V	0.21	1		D&D Bldg 991
99301	12/6/01	GW07897RG	1,1-DICHLOROETHANE	REAL	TR1	1	UG/L	U	V	0.17	1	3650	D&D Bldg 991
99301	12/6/01	GW07897RG	1,1-DICHLOROETHENE	REAL	TR1	1	UG/L	U	V	0.2	1	7	D&D Bldg 991
99301	12/6/01	GW07897RG	1,1-DICHLOROPROPENE	REAL	TR1	1	UG/L	U	V	0.22	1		D&D Bldg 991
99301	12/6/01	GW07897RG	1,2,3-TRICHLOROBENZENE	REAL	TR1	1	UG/L	U	V	0.16	1		D&D Bldg 991
99301	12/6/01	GW07897RG	1,2,3-TRICHLOROPROPANE	REAL	TR1	1	UG/L	U	V	0.29	1		D&D Bldg 991
99301	12/6/01	GW07897RG	1,2,4-TRICHLOROBENZENE	REAL	TR1	1	UG/L	U	V	0.2	1	70	D&D Bldg 991
99301	12/6/01	GW07897RG	1,2-DIBROMOETHANE	REAL	TR1	1	UG/L	U	V	0.36	1		D&D Bldg 991
99301	12/6/01	GW07897RG	1,2-DICHLOROBENZENE	REAL	TR1	1	UG/L	U	V	0.24	1	600	D&D Bldg 991
99301	12/6/01	GW07897RG	1,2-DICHLOROETHANE	REAL	TR1	1	UG/L	U	V	0.28	1	5	D&D Bldg 991
99301	12/6/01	GW07897RG	1,2-DICHLOROPROPANE	REAL	TR1	1	UG/L	U	V	0.21	1	5	D&D Bldg 991
99301	12/6/01	GW07897RG	1,3-DICHLOROBENZENE	REAL	TR1	1	UG/L	U	V	0.26	1	600	D&D Bldg 991
99301	12/6/01	GW07897RG	1,3-DICHLOROPROPANE	REAL	TR1	1	UG/L	U	V	0.26	1		D&D Bldg 991
99301	12/6/01	GW07897RG	1,4-DICHLOROBENZENE	REAL	TR1	1	UG/L	U	V	0.24	1	75	D&D Bldg 991
99301	12/6/01	GW07897RG	2,2-DICHLOROPROPANE	REAL	TR1	1	UG/L	U	V	0.21	1		D&D Bldg 991
99301	12/6/01	GW07897RG	2-BUTANONE	REAL	TR1	5	UG/L	U	V	0.93	1	21900	D&D Bldg 991
99301	12/6/01	GW07897RG	2-HEXANONE	REAL	TR1	5	UG/L	U	V	0.7	1		D&D Bldg 991
99301	12/6/01	GW07897RG	4-ISOPROPYLTOLUENE	REAL	TR1	1	UG/L	U	V	0.3	1		D&D Bldg 991
99301	12/6/01	GW07897RG	4-METHYL-2-PENTANONE	REAL	TR1	5	UG/L	U	V	0.79	1	2920	D&D Bldg 991
99301	12/6/01	GW07897RG	ACETONE	REAL	TR1	10	UG/L	U	V	1.9	1	3650	D&D Bldg 991
99301	12/6/01	GW07897RG	BENZENE	REAL	TR1	1	UG/L	U	V	0.21	1	5	D&D Bldg 991
99301	12/6/01	GW07897RG	BENZENE, 1,2,4-TRIMETHYL	REAL	TR1	1	UG/L	U	V	0.22	1		D&D Bldg 991
99301	12/6/01	GW07897RG	BENZENE, 1,3,5-TRIMETHYL-	REAL	TR1	1	UG/L	U	V	0.29	1		D&D Bldg 991
99301	12/6/01	GW07897RG	BROMOBENZENE	REAL	TR1	1	UG/L	U	V	0.24	1		D&D Bldg 991
99301	12/6/01	GW07897RG	BROMOCHLOROMETHANE	REAL	TR1	1	UG/L	U	V	0.21	1		D&D Bldg 991
99301	12/6/01	GW07897RG	BROMODICHLOROMETHANE	REAL	TR1	1	UG/L	U	V	0.22	1	100	D&D Bldg 991
99301	12/6/01	GW07897RG	BROMOFORM	REAL	TR1	1	UG/L	U	V	0.32	1	100	D&D Bldg 991
99301	12/6/01	GW07897RG	BROMOMETHANE	REAL	TR1	1	UG/L	U	V	0.3	1	51.1	D&D Bldg 991
99301	12/6/01	GW07897RG	CARBON DISULFIDE	REAL	TR1	1	UG/L	U	V	0.19	1	3650	D&D Bldg 991
99301	12/6/01	GW07897RG	CARBON TETRACHLORIDE	REAL	TR1	1	UG/L	U	V	0.19	1	5	D&D Bldg 991
99301	12/6/01	GW07897RG	CHLOROBENZENE	REAL	TR1	1	UG/L	U	V	0.3	1	100	D&D Bldg 991

(TIC) = Tentatively Identified Compound



Appendix A: Groundwater Analytical Data - Dissolved Gasses and Volatile Organic Compounds Fourth Quarter 2001

Location	Sample Date	Sample #	Analyte	QC Type	Result Type	Result	Units	Lab Qual	Valid-ation	Detect Limit	Dilu-tion	Tier II	IMP Well Class
99301	12/6/01	GW07897RG	CHLOROETHANE	REAL	TR1	1	UG/L	U	V	0.25	1	29.4	D&D Bldg 991
99301	12/6/01	GW07897RG	CHLOROFORM	REAL	TR1	1	UG/L	U	V	0.23	1	100	D&D Bldg 991
99301	12/6/01	GW07897RG	CHLOROMETHANE	REAL	TR1	1	UG/L	U	V	0.3	1	6.55	D&D Bldg 991
99301	12/6/01	GW07897RG	cis-1,2-DICHLOROETHENE	REAL	TR1	2.3	UG/L		V	0.26	1	70	D&D Bldg 991
99301	12/6/01	GW07897RG	cis-1,3-DICHLOROPROPENE	REAL	TR1	1	UG/L	U	V	0.28	1	0.473	D&D Bldg 991
99301	12/6/01	GW07897RG	DIBROMOCHLOROMETHANE	REAL	TR1	1	UG/L	U	V	0.38	1	1.01	D&D Bldg 991
99301	12/6/01	GW07897RG	DIBROMOMETHANE	REAL	TR1	1	UG/L	U	V	0.44	1		D&D Bldg 991
99301	12/6/01	GW07897RG	DICHLORODIFLUOROMETHANE	REAL	TR1	1	UG/L	U	V	0.23	1		D&D Bldg 991
99301	12/6/01	GW07897RG	ETHYLBENZENE	REAL	TR1	1	UG/L	U	V	0.28	1	700	D&D Bldg 991
99301	12/6/01	GW07897RG	HEXACHLOROBUTADIENE	REAL	TR1	1	UG/L	U	V	0.29	1	1.09	D&D Bldg 991
99301	12/6/01	GW07897RG	ISOPROPYLBENZENE	REAL	TR1	1	UG/L	U	V	0.31	1		D&D Bldg 991
99301	12/6/01	GW07897RG	METHYLENE CHLORIDE	REAL	TR1	1	UG/L	U	V	0.89	1	5	D&D Bldg 991
99301	12/6/01	GW07897RG	NAPHTHALENE	REAL	TR1	1	UG/L	U	V	0.15	1	1460	D&D Bldg 991
99301	12/6/01	GW07897RG	n-BUTYLBENZENE	REAL	TR1	1	UG/L	U	V	0.26	1		D&D Bldg 991
99301	12/6/01	GW07897RG	n-PROPYLBENZENE	REAL	TR1	1	UG/L	U	V	0.23	1		D&D Bldg 991
99301	12/6/01	GW07897RG	o-CHLOROTOLUENE	REAL	TR1	1	UG/L	U	V	0.31	1		D&D Bldg 991
99301	12/6/01	GW07897RG	p-CHLOROTOLUENE	REAL	TR1	1	UG/L	U	V	0.25	1		D&D Bldg 991
99301	12/6/01	GW07897RG	PROPANE, 1,2-DIBROMO-3-CHLORO-	REAL	TR1	1	UG/L	U	V	0.25	1	0.2	D&D Bldg 991
99301	12/6/01	GW07897RG	sec-BUTYLBENZENE	REAL	TR1	1	UG/L	U	V	0.26	1		D&D Bldg 991
99301	12/6/01	GW07897RG	STYRENE	REAL	TR1	1	UG/L	U	V	0.27	1	100	D&D Bldg 991
99301	12/6/01	GW07897RG	tert-BUTYLBENZENE	REAL	TR1	1	UG/L	U	V	0.29	1		D&D Bldg 991
99301	12/6/01	GW07897RG	TETRACHLOROETHENE	REAL	TR1	1.8	UG/L		V	0.36	1	5	D&D Bldg 991
99301	12/6/01	GW07897RG	TOLUENE	REAL	TR1	1	UG/L	U	V	0.29	1	1000	D&D Bldg 991
99301	12/6/01	GW07897RG	TOTAL XYLENES	REAL	TR1	1	UG/L	U	V	0.95	1	10000	D&D Bldg 991
99301	12/6/01	GW07897RG	trans-1,2-DICHLOROETHENE	REAL	TR1	0.5	UG/L	U	V	0.27	1	70	D&D Bldg 991
99301	12/6/01	GW07897RG	trans-1,3-DICHLOROPROPENE	REAL	TR1	1	UG/L	U	V	0.42	1	0.473	D&D Bldg 991
99301	12/6/01	GW07897RG	TRICHLOROETHENE	REAL	TR1	55	UG/L		V	0.22	1	5	D&D Bldg 991
99301	12/6/01	GW07897RG	TRICHLOROFLUOROMETHANE	REAL	TR1	1	UG/L	U	V	0.28	1		D&D Bldg 991
99301	12/6/01	GW07897RG	VINYL CHLORIDE	REAL	TR1	1	UG/L	U	V	0.21	1	2	D&D Bldg 991
B206989	10/9/01	GW07821RG	1,1,1,2-TETRACHLOROETHANE	REAL	TR1	1	UG/L	U	V1	0.22	1		RCRA
B206989	10/9/01	GW07821RG	1,1,1-TRICHLOROETHANE	REAL	TR1	1	UG/L	U	V1	0.26	1	200	RCRA
B206989	10/9/01	GW07821RG	1,1,2,2-TETRACHLOROETHANE	REAL	TR1	1	UG/L	U	V1	0.31	1	0.426	RCRA
B206989	10/9/01	GW07821RG	1,1,2-TRICHLOROETHANE	REAL	TR1	1	UG/L	U	V1	0.39	1	5	RCRA
B206989	10/9/01	GW07821RG	1,1,2-TRICHLOROTRIFLUOROETHANE	REAL	TR1	1	UG/L	U	V1	0.21	1		RCRA
B206989	10/9/01	GW07821RG	1,1-DICHLOROETHANE	REAL	TR1	1	UG/L	U	V1	0.17	1	3650	RCRA
B206989	10/9/01	GW07821RG	1,1-DICHLOROETHENE	REAL	TR1	1	UG/L	U	V1	0.2	1	7	RCRA
B206989	10/9/01	GW07821RG	1,1-DICHLOROPROPENE	REAL	TR1	1	UG/L	U	V1	0.22	1		RCRA
B206989	10/9/01	GW07821RG	1,2,3-TRICHLOROBENZENE	REAL	TR1	1	UG/L	U	V1	0.16	1		RCRA
B206989	10/9/01	GW07821RG	1,2,3-TRICHLOROPROPANE	REAL	TR1	1	UG/L	U	V1	0.29	1		RCRA
B206989	10/9/01	GW07821RG	1,2,4-TRICHLOROBENZENE	REAL	TR1	1	UG/L	U	V1	0.2	1	70	RCRA
B206989	10/9/01	GW07821RG	1,2-DIBROMOETHANE	REAL	TR1	1	UG/L	U	V1	0.36	1		RCRA
B206989	10/9/01	GW07821RG	1,2-DICHLOROBENZENE	REAL	TR1	1	UG/L	U	V1	0.24	1	600	RCRA
B206989	10/9/01	GW07821RG	1,2-DICHLOROETHANE	REAL	TR1	1	UG/L	U	V1	0.28	1	5	RCRA
B206989	10/9/01	GW07821RG	1,2-DICHLOROPROPANE	REAL	TR1	1	UG/L	U	V1	0.21	1	5	RCRA
B206989	10/9/01	GW07821RG	1,3-DICHLOROBENZENE	REAL	TR1	1	UG/L	U	V1	0.26	1	600	RCRA
B206989	10/9/01	GW07821RG	1,3-DICHLOROPROPANE	REAL	TR1	1	UG/L	U	V1	0.26	1		RCRA
B206989	10/9/01	GW07821RG	1,4-DICHLOROBENZENE	REAL	TR1	1	UG/L	U	V1	0.24	1	75	RCRA
B206989	10/9/01	GW07821RG	2,2-DICHLOROPROPANE	REAL	TR1	1	UG/L	U	V1	0.21	1		RCRA
B206989	10/9/01	GW07821RG	2-BUTANONE	REAL	TR1	5	UG/L	U	V1	0.93	1	21900	RCRA
B206989	10/9/01	GW07821RG	2-HEXANONE	REAL	TR1	5	UG/L	U	UJ1	0.7	1		RCRA
B206989	10/9/01	GW07821RG	4-ISOPROPYLTOLUENE	REAL	TR1	1	UG/L	U	V1	0.3	1		RCRA
B206989	10/9/01	GW07821RG	4-METHYL-2-PENTANONE	REAL	TR1	5	UG/L	U	UJ1	0.79	1	2920	RCRA
B206989	10/9/01	GW07821RG	ACETONE	REAL	TR1	10	UG/L	U	UJ1	1.9	1	3650	RCRA
B206989	10/9/01	GW07821RG	BENZENE	REAL	TR1	1	UG/L	U	V1	0.21	1	5	RCRA
B206989	10/9/01	GW07821RG	BENZENE, 1,2,4-TRIMETHYL	REAL	TR1	1	UG/L	U	V1	0.22	1		RCRA
B206989	10/9/01	GW07821RG	BENZENE, 1,3,5-TRIMETHYL-	REAL	TR1	1	UG/L	U	V1	0.29	1		RCRA

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Appendix A: Groundwater Analytical Data - Dissolved Gasses and Volatile Organic Compounds Fourth Quarter 2001

Location	Sample Date	Sample #	Analyte	QC Type	Result Type	Result	Units	Lab Qual	Valid-ation	Detect Limit	Dilu-tion	Tier II	IMP Well Class
B206989	10/9/01	GW07821RG	BROMOBENZENE	REAL	TR1	1	UG/L	U	V1	0.24	1		RCRA
B206989	10/9/01	GW07821RG	BROMOCHLOROMETHANE	REAL	TR1	1	UG/L	U	V1	0.21	1		RCRA
B206989	10/9/01	GW07821RG	BROMODICHLOROMETHANE	REAL	TR1	1	UG/L	U	V1	0.22	1	100	RCRA
B206989	10/9/01	GW07821RG	BROMOFORM	REAL	TR1	1	UG/L	U	V1	0.32	1	100	RCRA
B206989	10/9/01	GW07821RG	BROMOMETHANE	REAL	TR1	1	UG/L	U	UJ1	0.3	1	51.1	RCRA
B206989	10/9/01	GW07821RG	CARBON DISULFIDE	REAL	TR1	1	UG/L	U	V1	0.19	1	3650	RCRA
B206989	10/9/01	GW07821RG	CARBON TETRACHLORIDE	REAL	TR1	1	UG/L	U	V1	0.19	1	5	RCRA
B206989	10/9/01	GW07821RG	CHLOROBENZENE	REAL	TR1	1	UG/L	U	V1	0.3	1	100	RCRA
B206989	10/9/01	GW07821RG	CHLOROETHANE	REAL	TR1	1	UG/L	U	V1	0.25	1	29.4	RCRA
B206989	10/9/01	GW07821RG	CHLOROFORM	REAL	TR1	1	UG/L	U	V1	0.23	1	100	RCRA
B206989	10/9/01	GW07821RG	CHLOROMETHANE	REAL	TR1	1	UG/L	U	V1	0.3	1	6.55	RCRA
B206989	10/9/01	GW07821RG	cis-1,2-DICHLOROETHENE	REAL	TR1	1	UG/L	U	V1	0.26	1	70	RCRA
B206989	10/9/01	GW07821RG	cis-1,3-DICHLOROPROPENE	REAL	TR1	1	UG/L	U	V1	0.28	1	0.473	RCRA
B206989	10/9/01	GW07821RG	DIBROMOCHLOROMETHANE	REAL	TR1	1	UG/L	U	V1	0.38	1	1.01	RCRA
B206989	10/9/01	GW07821RG	DIBROMOMETHANE	REAL	TR1	1	UG/L	U	V1	0.44	1		RCRA
B206989	10/9/01	GW07821RG	DICHLORODIFLUOROMETHANE	REAL	TR1	1	UG/L	U	V1	0.23	1		RCRA
B206989	10/9/01	GW07821RG	ETHYLBENZENE	REAL	TR1	1	UG/L	U	V1	0.28	1	700	RCRA
B206989	10/9/01	GW07821RG	HEXACHLOROBUTADIENE	REAL	TR1	1	UG/L	U	V1	0.29	1	1.09	RCRA
B206989	10/9/01	GW07821RG	ISOPROPYLBENZENE	REAL	TR1	1	UG/L	U	V1	0.31	1		RCRA
B206989	10/9/01	GW07821RG	METHYLENE CHLORIDE	REAL	TR1	1	UG/L	U	V1	0.89	1	5	RCRA
B206989	10/9/01	GW07821RG	NAPHTHALENE	REAL	TR1	1	UG/L	U	UJ1	0.15	1	1460	RCRA
B206989	10/9/01	GW07821RG	n-BUTYLBENZENE	REAL	TR1	1	UG/L	U	V1	0.26	1		RCRA
B206989	10/9/01	GW07821RG	n-PROPYLBENZENE	REAL	TR1	1	UG/L	U	V1	0.23	1		RCRA
B206989	10/9/01	GW07821RG	o-CHLOROTOLUENE	REAL	TR1	1	UG/L	U	V1	0.31	1		RCRA
B206989	10/9/01	GW07821RG	p-CHLOROTOLUENE	REAL	TR1	1	UG/L	U	V1	0.25	1		RCRA
B206989	10/9/01	GW07821RG	PROPANE, 1,2-DIBROMO-3-CHLORO-	REAL	TR1	1	UG/L	U	V1	0.25	1	0.2	RCRA
B206989	10/9/01	GW07821RG	sec-BUTYLBENZENE	REAL	TR1	1	UG/L	U	V1	0.26	1		RCRA
B206989	10/9/01	GW07821RG	STYRENE	REAL	TR1	1	UG/L	U	V1	0.27	1	100	RCRA
B206989	10/9/01	GW07821RG	tert-BUTYLBENZENE	REAL	TR1	1	UG/L	U	V1	0.29	1		RCRA
B206989	10/9/01	GW07821RG	TETRACHLOROETHENE	REAL	TR1	1	UG/L	U	V1	0.36	1	5	RCRA
B206989	10/9/01	GW07821RG	TOLUENE	REAL	TR1	1	UG/L	U	V1	0.29	1	1000	RCRA
B206989	10/9/01	GW07821RG	TOTAL XYLENES	REAL	TR1	1	UG/L	U	V1	0.95	1	10000	RCRA
B206989	10/9/01	GW07821RG	trans-1,2-DICHLOROETHENE	REAL	TR1	0.5	UG/L	U	V1	0.27	1	70	RCRA
B206989	10/9/01	GW07821RG	trans-1,3-DICHLOROPROPENE	REAL	TR1	1	UG/L	U	V1	0.42	1	0.473	RCRA
B206989	10/9/01	GW07821RG	TRICHLOROETHENE	REAL	TR1	1	UG/L	U	V1	0.22	1	5	RCRA
B206989	10/9/01	GW07821RG	TRICHLOROFLUOROMETHANE	REAL	TR1	1	UG/L	U	V1	0.28	1		RCRA
B206989	10/9/01	GW07821RG	VINYL CHLORIDE	REAL	TR1	1	UG/L	U	V1	0.21	1	2	RCRA
B208789	10/5/01	GW07789RG	1,1,1,2-TETRACHLOROETHANE	REAL	TR1	1	UG/L	U	V1	0.22	1		Plume Extent
B208789	10/5/01	GW07789RG	1,1,1-TRICHLOROETHANE	REAL	TR1	1	UG/L	U	V1	0.26	1	200	Plume Extent
B208789	10/5/01	GW07789RG	1,1,2,2-TETRACHLOROETHANE	REAL	TR1	1	UG/L	U	V1	0.31	1	0.426	Plume Extent
B208789	10/5/01	GW07789RG	1,1,2-TRICHLOROETHANE	REAL	TR1	1	UG/L	U	V1	0.39	1	5	Plume Extent
B208789	10/5/01	GW07789RG	1,1,2-TRICHLOROTRIFLUOROETHANE	REAL	TR1	1	UG/L	U	V1	0.21	1		Plume Extent
B208789	10/5/01	GW07789RG	1,1-DICHLOROETHANE	REAL	TR1	1	UG/L	U	V1	0.17	1	3650	Plume Extent
B208789	10/5/01	GW07789RG	1,1-DICHLOROETHENE	REAL	TR1	1	UG/L	U	V1	0.2	1	7	Plume Extent
B208789	10/5/01	GW07789RG	1,1-DICHLOROPROPENE	REAL	TR1	1	UG/L	U	V1	0.22	1		Plume Extent
B208789	10/5/01	GW07789RG	1,2,3-TRICHLOROBENZENE	REAL	TR1	1	UG/L	U	UJ1	0.16	1		Plume Extent
B208789	10/5/01	GW07789RG	1,2,3-TRICHLOROPROPANE	REAL	TR1	1	UG/L	U	V1	0.29	1		Plume Extent
B208789	10/5/01	GW07789RG	1,2,4-TRICHLOROBENZENE	REAL	TR1	1	UG/L	U	UJ1	0.2	1	70	Plume Extent
B208789	10/5/01	GW07789RG	1,2-DIBROMOETHANE	REAL	TR1	1	UG/L	U	V1	0.36	1		Plume Extent
B208789	10/5/01	GW07789RG	1,2-DICHLOROBENZENE	REAL	TR1	1	UG/L	U	UJ1	0.24	1	600	Plume Extent
B208789	10/5/01	GW07789RG	1,2-DICHLOROETHANE	REAL	TR1	1	UG/L	U	V1	0.28	1	5	Plume Extent
B208789	10/5/01	GW07789RG	1,2-DICHLOROPROPANE	REAL	TR1	1	UG/L	U	V1	0.21	1	5	Plume Extent
B208789	10/5/01	GW07789RG	1,3-DICHLOROBENZENE	REAL	TR1	1	UG/L	U	UJ1	0.26	1	600	Plume Extent
B208789	10/5/01	GW07789RG	1,3-DICHLOROPROPANE	REAL	TR1	1	UG/L	U	V1	0.26	1		Plume Extent
B208789	10/5/01	GW07789RG	1,4-DICHLOROBENZENE	REAL	TR1	1	UG/L	U	UJ1	0.24	1	75	Plume Extent
B208789	10/5/01	GW07789RG	2,2-DICHLOROPROPANE	REAL	TR1	1	UG/L	U	V1	0.21	1		Plume Extent



Appendix A: Groundwater Analytical Data - Dissolved Gasses and Volatile Organic Compounds Fourth Quarter 2001

Location	Sample Date	Sample #	Analyte	QC Type	Result Type	Result	Units	Lab Qual	Valid-ation	Detect Limit	Dilu-tion	Tier II	IMP Well Class
B208789	10/5/01	GW07789RG	2-BUTANONE	REAL	TR1	5	UG/L	U	V1	0.93	1	21900	Plume Extent
B208789	10/5/01	GW07789RG	2-HEXANONE	REAL	TR1	5	UG/L	U	UJ1	0.7	1		Plume Extent
B208789	10/5/01	GW07789RG	4-ISOPROPYLTOLUENE	REAL	TR1	1	UG/L	U	UJ1	0.3	1		Plume Extent
B208789	10/5/01	GW07789RG	4-METHYL-2-PENTANONE	REAL	TR1	5	UG/L	U	UJ1	0.79	1	2920	Plume Extent
B208789	10/5/01	GW07789RG	ACETONE	REAL	TR1	10	UG/L	U	UJ1	1.9	1	3650	Plume Extent
B208789	10/5/01	GW07789RG	BENZENE	REAL	TR1	1	UG/L	U	UJ1	0.21	1	5	Plume Extent
B208789	10/5/01	GW07789RG	BENZENE, 1,2,4-TRIMETHYL	REAL	TR1	1	UG/L	U	UJ1	0.22	1		Plume Extent
B208789	10/5/01	GW07789RG	BENZENE, 1,3,5-TRIMETHYL-	REAL	TR1	1	UG/L	U	UJ1	0.29	1		Plume Extent
B208789	10/5/01	GW07789RG	BROMOBENZENE	REAL	TR1	1	UG/L	U	UJ1	0.24	1		Plume Extent
B208789	10/5/01	GW07789RG	BROMOCHLOROMETHANE	REAL	TR1	1	UG/L	U	V1	0.21	1		Plume Extent
B208789	10/5/01	GW07789RG	BROMODICHLOROMETHANE	REAL	TR1	1	UG/L	U	V1	0.22	1	100	Plume Extent
B208789	10/5/01	GW07789RG	BROMOFORM	REAL	TR1	1	UG/L	U	V1	0.32	1	100	Plume Extent
B208789	10/5/01	GW07789RG	BROMOMETHANE	REAL	TR1	1	UG/L	U	UJ1	0.3	1	51.1	Plume Extent
B208789	10/5/01	GW07789RG	CARBON DISULFIDE	REAL	TR1	1	UG/L	U	V1	0.19	1	3650	Plume Extent
B208789	10/5/01	GW07789RG	CARBON TETRACHLORIDE	REAL	TR1	1	UG/L	U	V1	0.19	1	5	Plume Extent
B208789	10/5/01	GW07789RG	CHLOROBENZENE	REAL	TR1	1	UG/L	U	UJ1	0.3	1	100	Plume Extent
B208789	10/5/01	GW07789RG	CHLOROETHANE	REAL	TR1	1	UG/L	U	V1	0.25	1	29.4	Plume Extent
B208789	10/5/01	GW07789RG	CHLOROFORM	REAL	TR1	1	UG/L	U	V1	0.23	1	100	Plume Extent
B208789	10/5/01	GW07789RG	CHLOROMETHANE	REAL	TR1	1	UG/L	U	V1	0.3	1	6.55	Plume Extent
B208789	10/5/01	GW07789RG	cis-1,2-DICHLOROETHENE	REAL	TR1	1	UG/L	U	V1	0.26	1	70	Plume Extent
B208789	10/5/01	GW07789RG	cis-1,3-DICHLOROPROPENE	REAL	TR1	1	UG/L	U	V1	0.28	1	0.473	Plume Extent
B208789	10/5/01	GW07789RG	DIBROMOCHLOROMETHANE	REAL	TR1	1	UG/L	U	V1	0.38	1	1.01	Plume Extent
B208789	10/5/01	GW07789RG	DIBROMOMETHANE	REAL	TR1	1	UG/L	U	V1	0.44	1		Plume Extent
B208789	10/5/01	GW07789RG	DICHLORODIFLUOROMETHANE	REAL	TR1	1	UG/L	U	V1	0.23	1		Plume Extent
B208789	10/5/01	GW07789RG	ETHYLBENZENE	REAL	TR1	1	UG/L	U	UJ1	0.28	1	700	Plume Extent
B208789	10/5/01	GW07789RG	HEXACHLOROBUTADIENE	REAL	TR1	1	UG/L	U	V1	0.29	1	1.09	Plume Extent
B208789	10/5/01	GW07789RG	ISOPROPYLBENZENE	REAL	TR1	1	UG/L	U	UJ1	0.31	1		Plume Extent
B208789	10/5/01	GW07789RG	METHYLENE CHLORIDE	REAL	TR1	1	UG/L	U	V1	0.89	1	5	Plume Extent
B208789	10/5/01	GW07789RG	NAPHTHALENE	REAL	TR1	1	UG/L	U	UJ1	0.15	1	1460	Plume Extent
B208789	10/5/01	GW07789RG	n-BUTYLBENZENE	REAL	TR1	1	UG/L	U	UJ1	0.26	1		Plume Extent
B208789	10/5/01	GW07789RG	n-PROPYLBENZENE	REAL	TR1	1	UG/L	U	UJ1	0.23	1		Plume Extent
B208789	10/5/01	GW07789RG	o-CHLOROTOLUENE	REAL	TR1	1	UG/L	U	UJ1	0.31	1		Plume Extent
B208789	10/5/01	GW07789RG	p-CHLOROTOLUENE	REAL	TR1	1	UG/L	U	UJ1	0.25	1		Plume Extent
B208789	10/5/01	GW07789RG	PROPANE, 1,2-DIBROMO-3-CHLORO-	REAL	TR1	1	UG/L	U	V1	0.25	1	0.2	Plume Extent
B208789	10/5/01	GW07789RG	sec-BUTYLBENZENE	REAL	TR1	1	UG/L	U	UJ1	0.26	1		Plume Extent
B208789	10/5/01	GW07789RG	STYRENE	REAL	TR1	1	UG/L	U	UJ1	0.27	1	100	Plume Extent
B208789	10/5/01	GW07789RG	tert-BUTYLBENZENE	REAL	TR1	1	UG/L	U	UJ1	0.29	1		Plume Extent
B208789	10/5/01	GW07789RG	TETRACHLOROETHENE	REAL	TR1	1	UG/L	U	V1	0.36	1	5	Plume Extent
B208789	10/5/01	GW07789RG	TOLUENE	REAL	TR1	1	UG/L	U	UJ1	0.29	1	1000	Plume Extent
B208789	10/5/01	GW07789RG	TOTAL XYLENES	REAL	TR1	1	UG/L	U	UJ1	0.95	1	10000	Plume Extent
B208789	10/5/01	GW07789RG	trans-1,2-DICHLOROETHENE	REAL	TR1	0.5	UG/L	U	V1	0.27	1	70	Plume Extent
B208789	10/5/01	GW07789RG	trans-1,3-DICHLOROPROPENE	REAL	TR1	1	UG/L	U	V1	0.42	1	0.473	Plume Extent
B208789	10/5/01	GW07789RG	TRICHLOROETHENE	REAL	TR1	1	UG/L	U	V1	0.22	1	5	Plume Extent
B208789	10/5/01	GW07789RG	TRICHLOROFLUOROMETHANE	REAL	TR1	1	UG/L	U	V1	0.28	1		Plume Extent
B208789	10/5/01	GW07789RG	VINYL CHLORIDE	REAL	TR1	1	UG/L	U	V1	0.21	1	2	Plume Extent
BS-865-2	12/13/01	SW07911RG	1,1,1,2-TETRACHLOROETHANE	REAL	TR1	1	UG/L	U	V	0.22	1		D&D Bldg 865
BS-865-2	12/13/01	SW07911RG	1,1,1-TRICHLOROETHANE	REAL	TR1	1	UG/L	U	V	0.26	1	200	D&D Bldg 865
BS-865-2	12/13/01	SW07911RG	1,1,2,2-TETRACHLOROETHANE	REAL	TR1	1	UG/L	U	V	0.31	1	0.426	D&D Bldg 865
BS-865-2	12/13/01	SW07911RG	1,1,2-TRICHLOROETHANE	REAL	TR1	1	UG/L	U	V	0.39	1	5	D&D Bldg 865
BS-865-2	12/13/01	SW07911RG	1,1,2-TRICHLOROTRIFLUOROETHANE	REAL	TR1	3.7	UG/L		V	0.21	1		D&D Bldg 865
BS-865-2	12/13/01	SW07911RG	1,1-DICHLOROETHANE	REAL	TR1	1	UG/L	U	V	0.17	1	3650	D&D Bldg 865
BS-865-2	12/13/01	SW07911RG	1,1-DICHLOROETHENE	REAL	TR1	1	UG/L	U	V	0.2	1	7	D&D Bldg 865
BS-865-2	12/13/01	SW07911RG	1,1-DICHLOROPROPENE	REAL	TR1	1	UG/L	U	V	0.22	1		D&D Bldg 865
BS-865-2	12/13/01	SW07911RG	1,2,3-TRICHLOROBENZENE	REAL	TR1	1	UG/L	U	UJ	0.16	1		D&D Bldg 865
BS-865-2	12/13/01	SW07911RG	1,2,3-TRICHLOROPROPANE	REAL	TR1	1	UG/L	U	V	0.29	1		D&D Bldg 865
BS-865-2	12/13/01	SW07911RG	1,2,4-TRICHLOROBENZENE	REAL	TR1	1	UG/L	U	UJ	0.2	1	70	D&D Bldg 865

(TIC) = Tentatively Identified Compound

**Appendix A: Groundwater Analytical Data - Dissolved Gasses and Volatile Organic Compounds Fourth Quarter 2001**

Location	Sample Date	Sample #	Analyte	QC Type	Result Type	Result	Units	Lab Qual	Valid-ation	Detect Limit	Dilu-tion	Tier II	IMP Well Class
BS-865-2	12/13/01	SW07911RG	1,2-DIBROMOETHANE	REAL	TR1	1	UG/L	U	V	0.36	1		D&D Bldg 865
BS-865-2	12/13/01	SW07911RG	1,2-DICHLOROBENZENE	REAL	TR1	1	UG/L	U	UJ	0.24	1	600	D&D Bldg 865
BS-865-2	12/13/01	SW07911RG	1,2-DICHLOROETHANE	REAL	TR1	1	UG/L	U	V	0.28	1	5	D&D Bldg 865
BS-865-2	12/13/01	SW07911RG	1,2-DICHLOROPROPANE	REAL	TR1	1	UG/L	U	V	0.21	1	5	D&D Bldg 865
BS-865-2	12/13/01	SW07911RG	1,3-DICHLOROBENZENE	REAL	TR1	1	UG/L	U	UJ	0.26	1	600	D&D Bldg 865
BS-865-2	12/13/01	SW07911RG	1,3-DICHLOROPROPANE	REAL	TR1	1	UG/L	U	V	0.26	1		D&D Bldg 865
BS-865-2	12/13/01	SW07911RG	1,4-DICHLOROBENZENE	REAL	TR1	1	UG/L	U	UJ	0.24	1	75	D&D Bldg 865
BS-865-2	12/13/01	SW07911RG	2,2-DICHLOROPROPANE	REAL	TR1	1	UG/L	U	V	0.21	1		D&D Bldg 865
BS-865-2	12/13/01	SW07911RG	2-BUTANONE	REAL	TR1	5	UG/L	U	V	0.93	1	21900	D&D Bldg 865
BS-865-2	12/13/01	SW07911RG	2-HEXANONE	REAL	TR1	5	UG/L	U	V	0.7	1		D&D Bldg 865
BS-865-2	12/13/01	SW07911RG	4-ISOPROPYLTOLUENE	REAL	TR1	1	UG/L	U	UJ	0.3	1		D&D Bldg 865
BS-865-2	12/13/01	SW07911RG	4-METHYL-2-PENTANONE	REAL	TR1	5	UG/L	U	V	0.79	1	2920	D&D Bldg 865
BS-865-2	12/13/01	SW07911RG	ACETONE	REAL	TR1	10	UG/L	U	V	1.9	1	3650	D&D Bldg 865
BS-865-2	12/13/01	SW07911RG	BENZENE	REAL	TR1	1	UG/L	U	UJ	0.21	1	5	D&D Bldg 865
BS-865-2	12/13/01	SW07911RG	BENZENE, 1,2,4-TRIMETHYL	REAL	TR1	1	UG/L	U	UJ	0.22	1		D&D Bldg 865
BS-865-2	12/13/01	SW07911RG	BENZENE, 1,3,5-TRIMETHYL-	REAL	TR1	1	UG/L	U	UJ	0.29	1		D&D Bldg 865
BS-865-2	12/13/01	SW07911RG	BROMOBENZENE	REAL	TR1	1	UG/L	U	UJ	0.24	1		D&D Bldg 865
BS-865-2	12/13/01	SW07911RG	BROMOCHLOROMETHANE	REAL	TR1	1	UG/L	U	V	0.21	1		D&D Bldg 865
BS-865-2	12/13/01	SW07911RG	BROMODICHLOROMETHANE	REAL	TR1	1	UG/L	U	V	0.22	1	100	D&D Bldg 865
BS-865-2	12/13/01	SW07911RG	BROMOFORM	REAL	TR1	1	UG/L	U	V	0.32	1	100	D&D Bldg 865
BS-865-2	12/13/01	SW07911RG	BROMOMETHANE	REAL	TR1	1	UG/L	U	V	0.3	1	51.1	D&D Bldg 865
BS-865-2	12/13/01	SW07911RG	CARBON DISULFIDE	REAL	TR1	1	UG/L	U	V	0.19	1	3650	D&D Bldg 865
BS-865-2	12/13/01	SW07911RG	CARBON TETRACHLORIDE	REAL	TR1	1	UG/L	U	V	0.19	1	5	D&D Bldg 865
BS-865-2	12/13/01	SW07911RG	CHLOROBENZENE	REAL	TR1	1	UG/L	U	UJ	0.3	1	100	D&D Bldg 865
BS-865-2	12/13/01	SW07911RG	CHLOROETHANE	REAL	TR1	1	UG/L	U	V	0.25	1	29.4	D&D Bldg 865
BS-865-2	12/13/01	SW07911RG	CHLOROFORM	REAL	TR1	0.86	UG/L	J	V	0.23	1	100	D&D Bldg 865
BS-865-2	12/13/01	SW07911RG	CHLOROMETHANE	REAL	TR1	1	UG/L	U	V	0.3	1	6.55	D&D Bldg 865
BS-865-2	12/13/01	SW07911RG	cis-1,2-DICHLOROETHENE	REAL	TR1	1	UG/L	U	V	0.26	1	70	D&D Bldg 865
BS-865-2	12/13/01	SW07911RG	cis-1,3-DICHLOROPROPENE	REAL	TR1	1	UG/L	U	V	0.28	1	0.473	D&D Bldg 865
BS-865-2	12/13/01	SW07911RG	DIBROMOCHLOROMETHANE	REAL	TR1	1	UG/L	U	V	0.38	1	1.01	D&D Bldg 865
BS-865-2	12/13/01	SW07911RG	DIBROMOMETHANE	REAL	TR1	1	UG/L	U	V	0.44	1		D&D Bldg 865
BS-865-2	12/13/01	SW07911RG	DICHLORODIFLUOROMETHANE	REAL	TR1	0.36	UG/L	J	V	0.23	1		D&D Bldg 865
BS-865-2	12/13/01	SW07911RG	ETHYLBENZENE	REAL	TR1	1	UG/L	U	UJ	0.28	1	700	D&D Bldg 865
BS-865-2	12/13/01	SW07911RG	HEXACHLOROBUTADIENE	REAL	TR1	1	UG/L	U	V	0.29	1	1.09	D&D Bldg 865
BS-865-2	12/13/01	SW07911RG	ISOPROPYLBENZENE	REAL	TR1	1	UG/L	U	UJ	0.31	1		D&D Bldg 865
BS-865-2	12/13/01	SW07911RG	METHYLENE CHLORIDE	REAL	TR1	1	UG/L	U	V	0.89	1	5	D&D Bldg 865
BS-865-2	12/13/01	SW07911RG	NAPHTHALENE	REAL	TR1	1	UG/L	U	UJ	0.15	1	1460	D&D Bldg 865
BS-865-2	12/13/01	SW07911RG	n-BUTYLBENZENE	REAL	TR1	1	UG/L	U	UJ	0.26	1		D&D Bldg 865
BS-865-2	12/13/01	SW07911RG	n-PROPYLBENZENE	REAL	TR1	1	UG/L	U	UJ	0.23	1		D&D Bldg 865
BS-865-2	12/13/01	SW07911RG	o-CHLOROTOLUENE	REAL	TR1	1	UG/L	U	UJ	0.31	1		D&D Bldg 865
BS-865-2	12/13/01	SW07911RG	p-CHLOROTOLUENE	REAL	TR1	1	UG/L	U	UJ	0.25	1		D&D Bldg 865
BS-865-2	12/13/01	SW07911RG	PROPANE, 1,2-DIBROMO-3-CHLORO-	REAL	TR1	1	UG/L	U	V	0.25	1	0.2	D&D Bldg 865
BS-865-2	12/13/01	SW07911RG	sec-BUTYLBENZENE	REAL	TR1	1	UG/L	U	UJ	0.26	1		D&D Bldg 865
BS-865-2	12/13/01	SW07911RG	STYRENE	REAL	TR1	1	UG/L	U	UJ	0.27	1	100	D&D Bldg 865
BS-865-2	12/13/01	SW07911RG	tert-BUTYLBENZENE	REAL	TR1	1	UG/L	U	UJ	0.29	1		D&D Bldg 865
BS-865-2	12/13/01	SW07911RG	TETRACHLOROETHENE	REAL	TR1	0.55	UG/L	J	V	0.36	1	5	D&D Bldg 865
BS-865-2	12/13/01	SW07911RG	TOLUENE	REAL	TR1	1	UG/L	U	UJ	0.29	1	1000	D&D Bldg 865
BS-865-2	12/13/01	SW07911RG	TOTAL XYLENES	REAL	TR1	1	UG/L	U	UJ	0.95	1	10000	D&D Bldg 865
BS-865-2	12/13/01	SW07911RG	trans-1,2-DICHLOROETHENE	REAL	TR1	0.5	UG/L	U	V	0.27	1	70	D&D Bldg 865
BS-865-2	12/13/01	SW07911RG	trans-1,3-DICHLOROPROPENE	REAL	TR1	1	UG/L	U	V	0.42	1	0.473	D&D Bldg 865
BS-865-2	12/13/01	SW07911RG	TRICHLOROETHENE	REAL	TR1	0.4	UG/L	J	V	0.22	1	5	D&D Bldg 865
BS-865-2	12/13/01	SW07911RG	TRICHLOROFLUOROMETHANE	REAL	TR1	1	UG/L	U	V	0.28	1		D&D Bldg 865
BS-865-2	12/13/01	SW07911RG	VINYL CHLORIDE	REAL	TR1	1	UG/L	U	V	0.21	1	2	D&D Bldg 865
FD-559-561	12/13/01	SW07878RG	1,1,1,2-TETRACHLOROETHANE	REAL	DL1	2	UG/L	U	V	0.44	2		D&D Bldg 559-561
FD-559-561	12/13/01	SW07878RG	1,1,1-TRICHLOROETHANE	REAL	DL1	1.1	UG/L	J	V	0.52	2	200	D&D Bldg 559-561
FD-559-561	12/13/01	SW07878RG	1,1,2,2-TETRACHLOROETHANE	REAL	DL1	2	UG/L	U	V	0.62	2	0.426	D&D Bldg 559-561

(TIC) = Tentatively Identified Compound

Appendix A: Groundwater Analytical Data - Dissolved Gasses and Volatile Organic Compounds Fourth Quarter 2001

Location	Sample Date	Sample #	Analyte	QC Type	Result Type	Result	Units	Lab Qual	Valid-ation	Detect Limit	Dilu-tion	Tier II	IMP Well Class
FD-559-561	12/13/01	SW07878RG	1,1,2-TRICHLOROETHANE	REAL	DL1	2	UG/L	U	V	0.78	2	5	D&D Bldg 559-561
FD-559-561	12/13/01	SW07878RG	1,1,2-TRICHLOROTRIFLUOROETHANE	REAL	DL1	58	UG/L		V	0.42	2		D&D Bldg 559-561
FD-559-561	12/13/01	SW07878RG	1,1-DICHLOROETHANE	REAL	DL1	2	UG/L		V	0.34	2	3650	D&D Bldg 559-561
FD-559-561	12/13/01	SW07878RG	1,1-DICHLOROETHENE	REAL	DL1	14	UG/L		V	0.4	2	7	D&D Bldg 559-561
FD-559-561	12/13/01	SW07878RG	1,1-DICHLOROPROPENE	REAL	DL1	2	UG/L	U	V	0.44	2		D&D Bldg 559-561
FD-559-561	12/13/01	SW07878RG	1,2,3-TRICHLOROBENZENE	REAL	DL1	0.69	UG/L	J	J	0.32	2		D&D Bldg 559-561
FD-559-561	12/13/01	SW07878RG	1,2,3-TRICHLOROPROPANE	REAL	DL1	2	UG/L	U	V	0.58	2		D&D Bldg 559-561
FD-559-561	12/13/01	SW07878RG	1,2,4-TRICHLOROBENZENE	REAL	DL1	0.42	UG/L	J	J	0.4	2	70	D&D Bldg 559-561
FD-559-561	12/13/01	SW07878RG	1,2-DIBROMOETHANE	REAL	DL1	2	UG/L	U	V	0.72	2		D&D Bldg 559-561
FD-559-561	12/13/01	SW07878RG	1,2-DICHLOROBENZENE	REAL	DL1	2	UG/L	U	UJ	0.48	2	600	D&D Bldg 559-561
FD-559-561	12/13/01	SW07878RG	1,2-DICHLOROETHANE	REAL	DL1	2	UG/L	U	V	0.56	2	5	D&D Bldg 559-561
FD-559-561	12/13/01	SW07878RG	1,2-DICHLOROPROPANE	REAL	DL1	2	UG/L	U	V	0.42	2	5	D&D Bldg 559-561
FD-559-561	12/13/01	SW07878RG	1,3-DICHLOROBENZENE	REAL	DL1	2	UG/L	U	UJ	0.52	2	600	D&D Bldg 559-561
FD-559-561	12/13/01	SW07878RG	1,3-DICHLOROPROPANE	REAL	DL1	2	UG/L	U	V	0.52	2		D&D Bldg 559-561
FD-559-561	12/13/01	SW07878RG	1,4-DICHLOROBENZENE	REAL	DL1	2	UG/L	U	UJ	0.48	2	75	D&D Bldg 559-561
FD-559-561	12/13/01	SW07878RG	2,2-DICHLOROPROPANE	REAL	DL1	2	UG/L	U	V	0.42	2		D&D Bldg 559-561
FD-559-561	12/13/01	SW07878RG	2-BUTANONE	REAL	DL1	10	UG/L	U	V	1.9	2	21900	D&D Bldg 559-561
FD-559-561	12/13/01	SW07878RG	2-HEXANONE	REAL	DL1	10	UG/L	U	V	1.4	2		D&D Bldg 559-561
FD-559-561	12/13/01	SW07878RG	4-ISOPROPYLTOLUENE	REAL	DL1	2	UG/L	U	UJ	0.6	2		D&D Bldg 559-561
FD-559-561	12/13/01	SW07878RG	4-METHYL-2-PENTANONE	REAL	DL1	10	UG/L	U	V	1.6	2	2920	D&D Bldg 559-561
FD-559-561	12/13/01	SW07878RG	ACETONE	REAL	DL1	7.9	UG/L	J	V	3.8	2	3650	D&D Bldg 559-561
FD-559-561	12/13/01	SW07878RG	BENZENE	REAL	DL1	2	UG/L	U	UJ	0.42	2	5	D&D Bldg 559-561
FD-559-561	12/13/01	SW07878RG	BENZENE, 1,2,4-TRIMETHYL	REAL	DL1	2	UG/L	U	UJ	0.44	2		D&D Bldg 559-561
FD-559-561	12/13/01	SW07878RG	BENZENE, 1,3,5-TRIMETHYL-	REAL	DL1	2	UG/L	U	UJ	0.58	2		D&D Bldg 559-561
FD-559-561	12/13/01	SW07878RG	BROMOBENZENE	REAL	DL1	2	UG/L	U	UJ	0.48	2		D&D Bldg 559-561
FD-559-561	12/13/01	SW07878RG	BROMOCHLOROMETHANE	REAL	DL1	2	UG/L	U	V	0.42	2		D&D Bldg 559-561
FD-559-561	12/13/01	SW07878RG	BROMODICHLOROMETHANE	REAL	DL1	2	UG/L	U	V	0.44	2	100	D&D Bldg 559-561
FD-559-561	12/13/01	SW07878RG	BROMOFORM	REAL	DL1	2	UG/L	U	V	0.64	2	100	D&D Bldg 559-561
FD-559-561	12/13/01	SW07878RG	BROMOMETHANE	REAL	DL1	2	UG/L	U	V	0.6	2	51.1	D&D Bldg 559-561
FD-559-561	12/13/01	SW07878RG	CARBON DISULFIDE	REAL	DL1	2	UG/L	U	V	0.38	2	3650	D&D Bldg 559-561
FD-559-561	12/13/01	SW07878RG	CARBON TETRACHLORIDE	REAL	DL1	100	UG/L		V	1.9	10	5	D&D Bldg 559-561
FD-559-561	12/13/01	SW07878RG	CHLOROBENZENE	REAL	DL1	2	UG/L	U	UJ	0.6	2	100	D&D Bldg 559-561
FD-559-561	12/13/01	SW07878RG	CHLOROETHANE	REAL	DL1	2	UG/L	U	V	0.5	2	29.4	D&D Bldg 559-561
FD-559-561	12/13/01	SW07878RG	CHLOROFORM	REAL	DL1	5.5	UG/L		V	0.46	2	100	D&D Bldg 559-561
FD-559-561	12/13/01	SW07878RG	CHLOROMETHANE	REAL	DL1	2	UG/L	U	V	0.6	2	6.55	D&D Bldg 559-561
FD-559-561	12/13/01	SW07878RG	CHLOROTRIFLUOROETHENE (TIC)	REAL	DL1	2.1	UG/L	J	V		2		D&D Bldg 559-561
FD-559-561	12/13/01	SW07878RG	cis-1,2-DICHLOROETHENE	REAL	DL1	7.8	UG/L		V	0.52	2	70	D&D Bldg 559-561
FD-559-561	12/13/01	SW07878RG	cis-1,3-DICHLOROPROPENE	REAL	DL1	2	UG/L	U	V	0.56	2	0.473	D&D Bldg 559-561
FD-559-561	12/13/01	SW07878RG	DIBROMOCHLOROMETHANE	REAL	DL1	2	UG/L	U	V	0.76	2	1.01	D&D Bldg 559-561
FD-559-561	12/13/01	SW07878RG	DIBROMOMETHANE	REAL	DL1	2	UG/L	U	V	0.88	2		D&D Bldg 559-561
FD-559-561	12/13/01	SW07878RG	DICHLORODIFLUOROMETHANE	REAL	DL1	2	UG/L	U	V	0.46	2		D&D Bldg 559-561
FD-559-561	12/13/01	SW07878RG	ETHYLBENZENE	REAL	DL1	2	UG/L	U	UJ	0.56	2	700	D&D Bldg 559-561
FD-559-561	12/13/01	SW07878RG	HEXACHLOROBUTADIENE	REAL	DL1	2	UG/L	U	V	0.58	2	1.09	D&D Bldg 559-561
FD-559-561	12/13/01	SW07878RG	ISOPROPYLBENZENE	REAL	DL1	2	UG/L	U	UJ	0.62	2		D&D Bldg 559-561
FD-559-561	12/13/01	SW07878RG	METHYLENE CHLORIDE	REAL	DL1	2	UG/L	U	V	1.8	2	5	D&D Bldg 559-561
FD-559-561	12/13/01	SW07878RG	NAPHTHALENE	REAL	DL1	2	UG/L	U	UJ	0.3	2	1460	D&D Bldg 559-561
FD-559-561	12/13/01	SW07878RG	n-BUTYLBENZENE	REAL	DL1	2	UG/L	U	UJ	0.52	2		D&D Bldg 559-561
FD-559-561	12/13/01	SW07878RG	n-PROPYLBENZENE	REAL	DL1	2	UG/L	U	UJ	0.46	2		D&D Bldg 559-561
FD-559-561	12/13/01	SW07878RG	o-CHLOROTOLUENE	REAL	DL1	2	UG/L	U	UJ	0.62	2		D&D Bldg 559-561
FD-559-561	12/13/01	SW07878RG	p-CHLOROTOLUENE	REAL	DL1	2	UG/L	U	UJ	0.5	2		D&D Bldg 559-561
FD-559-561	12/13/01	SW07878RG	PROPANE, 1,2-DIBROMO-3-CHLORO-	REAL	DL1	2	UG/L	U	V	0.5	2	0.2	D&D Bldg 559-561
FD-559-561	12/13/01	SW07878RG	sec-BUTYLBENZENE	REAL	DL1	2	UG/L	U	UJ	0.52	2		D&D Bldg 559-561
FD-559-561	12/13/01	SW07878RG	STYRENE	REAL	DL1	2	UG/L	U	UJ	0.54	2	100	D&D Bldg 559-561
FD-559-561	12/13/01	SW07878RG	tert-BUTYLBENZENE	REAL	DL1	2	UG/L	U	UJ	0.58	2		D&D Bldg 559-561
FD-559-561	12/13/01	SW07878RG	TETRACHLOROETHENE	REAL	DL1	5.5	UG/L		V	0.72	2	5	D&D Bldg 559-561
FD-559-561	12/13/01	SW07878RG	TOLUENE	REAL	DL1	2	UG/L	U	UJ	0.58	2	1000	D&D Bldg 559-561

(TIC) = Tentatively Identified Compound

**Appendix A: Groundwater Analytical Data - Dissolved Gasses and Volatile Organic Compounds Fourth Quarter 2001**

Location	Sample Date	Sample #	Analyte	QC Type	Result Type	Result	Units	Lab Qual	Valid-ation	Detect Limit	Dilution	Tier II	IMP Well Class
FD-559-561	12/13/01	SW07878RG	TOTAL XYLENES	REAL	DL1	2	UG/L	U	UJ	1.9	2	10000	D&D Bldg 559-561
FD-559-561	12/13/01	SW07878RG	trans-1,2-DICHLOROETHENE	REAL	DL1	1	UG/L	U	V	0.54	2	70	D&D Bldg 559-561
FD-559-561	12/13/01	SW07878RG	trans-1,3-DICHLOROPROPENE	REAL	DL1	2	UG/L	U	V	0.84	2	0.473	D&D Bldg 559-561
FD-559-561	12/13/01	SW07878RG	TRICHLOROETHENE	REAL	DL1	270	UG/L		V	2.2	10	5	D&D Bldg 559-561
FD-559-561	12/13/01	SW07878RG	TRICHLOROFLUOROMETHANE	REAL	DL1	2	UG/L	U	V	0.56	2		D&D Bldg 559-561
FD-559-561	12/13/01	SW07878RG	VINYL CHLORIDE	REAL	DL1	0.77	UG/L	J	V	0.42	2	2	D&D Bldg 559-561
FD-707-4	10/10/01	SW07847RG	1,1,1,2-TETRACHLOROETHANE	REAL	TR1	1	UG/L	U	V1	0.22	1		D&D Bldg 707
FD-707-4	10/10/01	SW07847RG	1,1,1-TRICHLOROETHANE	REAL	TR1	1	UG/L	U	V1	0.26	1	200	D&D Bldg 707
FD-707-4	10/10/01	SW07847RG	1,1,2,2-TETRACHLOROETHANE	REAL	TR1	1	UG/L	U	V1	0.31	1	0.426	D&D Bldg 707
FD-707-4	10/10/01	SW07847RG	1,1,2-TRICHLOROETHANE	REAL	TR1	1	UG/L	U	V1	0.39	1	5	D&D Bldg 707
FD-707-4	10/10/01	SW07847RG	1,1,2-TRICHLOROTRIFLUOROETHANE	REAL	TR1	1	UG/L	U	V1	0.21	1		D&D Bldg 707
FD-707-4	10/10/01	SW07847RG	1,1-DICHLOROETHANE	REAL	TR1	1	UG/L	U	V1	0.17	1	3650	D&D Bldg 707
FD-707-4	10/10/01	SW07847RG	1,1-DICHLOROETHENE	REAL	TR1	1	UG/L	U	V1	0.2	1	7	D&D Bldg 707
FD-707-4	10/10/01	SW07847RG	1,1-DICHLOROPROPENE	REAL	TR1	1	UG/L	U	V1	0.22	1		D&D Bldg 707
FD-707-4	10/10/01	SW07847RG	1,2,3-TRICHLOROBENZENE	REAL	TR1	1	UG/L	U	V1	0.16	1		D&D Bldg 707
FD-707-4	10/10/01	SW07847RG	1,2,3-TRICHLOROPROPANE	REAL	TR1	1	UG/L	U	V1	0.29	1		D&D Bldg 707
FD-707-4	10/10/01	SW07847RG	1,2,4-TRICHLOROBENZENE	REAL	TR1	1	UG/L	U	V1	0.2	1	70	D&D Bldg 707
FD-707-4	10/10/01	SW07847RG	1,2-DIBROMOETHANE	REAL	TR1	1	UG/L	U	V1	0.36	1		D&D Bldg 707
FD-707-4	10/10/01	SW07847RG	1,2-DICHLOROBENZENE	REAL	TR1	1	UG/L	U	V1	0.24	1	600	D&D Bldg 707
FD-707-4	10/10/01	SW07847RG	1,2-DICHLOROETHANE	REAL	TR1	1	UG/L	U	V1	0.28	1	5	D&D Bldg 707
FD-707-4	10/10/01	SW07847RG	1,2-DICHLOROPROPANE	REAL	TR1	1	UG/L	U	V1	0.21	1	5	D&D Bldg 707
FD-707-4	10/10/01	SW07847RG	1,3-DICHLOROBENZENE	REAL	TR1	1	UG/L	U	V1	0.26	1	600	D&D Bldg 707
FD-707-4	10/10/01	SW07847RG	1,3-DICHLOROPROPANE	REAL	TR1	1	UG/L	U	V1	0.26	1		D&D Bldg 707
FD-707-4	10/10/01	SW07847RG	1,4-DICHLOROBENZENE	REAL	TR1	1	UG/L	U	V1	0.24	1	75	D&D Bldg 707
FD-707-4	10/10/01	SW07847RG	2,2-DICHLOROPROPANE	REAL	TR1	1	UG/L	U	V1	0.21	1		D&D Bldg 707
FD-707-4	10/10/01	SW07847RG	2-BUTANONE	REAL	TR1	5	UG/L	U	V1	0.93	1	21900	D&D Bldg 707
FD-707-4	10/10/01	SW07847RG	2-HEXANONE	REAL	TR1	5	UG/L	U	UJ1	0.7	1		D&D Bldg 707
FD-707-4	10/10/01	SW07847RG	4-ISOPROPYLTOLUENE	REAL	TR1	1	UG/L	U	V1	0.3	1		D&D Bldg 707
FD-707-4	10/10/01	SW07847RG	4-METHYL-2-PENTANONE	REAL	TR1	5	UG/L	U	UJ1	0.79	1	2920	D&D Bldg 707
FD-707-4	10/10/01	SW07847RG	ACETONE	REAL	TR1	10	UG/L	U	UJ1	1.9	1	3650	D&D Bldg 707
FD-707-4	10/10/01	SW07847RG	BENZENE	REAL	TR1	1	UG/L	U	V1	0.21	1	5	D&D Bldg 707
FD-707-4	10/10/01	SW07847RG	BENZENE, 1,2,4-TRIMETHYL	REAL	TR1	1	UG/L	U	V1	0.22	1		D&D Bldg 707
FD-707-4	10/10/01	SW07847RG	BENZENE, 1,3,5-TRIMETHYL-	REAL	TR1	1	UG/L	U	V1	0.29	1		D&D Bldg 707
FD-707-4	10/10/01	SW07847RG	BROMOBENZENE	REAL	TR1	1	UG/L	U	V1	0.24	1		D&D Bldg 707
FD-707-4	10/10/01	SW07847RG	BROMOCHLOROMETHANE	REAL	TR1	1	UG/L	U	V1	0.21	1		D&D Bldg 707
FD-707-4	10/10/01	SW07847RG	BROMODICHLOROMETHANE	REAL	TR1	0.66	UG/L	J	V1	0.22	1	100	D&D Bldg 707
FD-707-4	10/10/01	SW07847RG	BROMOFORM	REAL	TR1	1	UG/L	U	V1	0.32	1	100	D&D Bldg 707
FD-707-4	10/10/01	SW07847RG	BROMOMETHANE	REAL	TR1	1	UG/L	U	UJ1	0.3	1	51.1	D&D Bldg 707
FD-707-4	10/10/01	SW07847RG	CARBON DISULFIDE	REAL	TR1	1	UG/L	U	V1	0.19	1	3650	D&D Bldg 707
FD-707-4	10/10/01	SW07847RG	CARBON TETRACHLORIDE	REAL	TR1	1	UG/L	U	V1	0.19	1	5	D&D Bldg 707
FD-707-4	10/10/01	SW07847RG	CHLOROBENZENE	REAL	TR1	1	UG/L	U	V1	0.3	1	100	D&D Bldg 707
FD-707-4	10/10/01	SW07847RG	CHLOROETHANE	REAL	TR1	1	UG/L	U	V1	0.25	1	29.4	D&D Bldg 707
FD-707-4	10/10/01	SW07847RG	CHLOROFORM	REAL	TR1	21	UG/L		V1	0.23	1	100	D&D Bldg 707
FD-707-4	10/10/01	SW07847RG	CHLOROMETHANE	REAL	TR1	1	UG/L	U	V1	0.3	1	6.55	D&D Bldg 707
FD-707-4	10/10/01	SW07847RG	cis-1,2-DICHLOROETHENE	REAL	TR1	1	UG/L	U	V1	0.26	1	70	D&D Bldg 707
FD-707-4	10/10/01	SW07847RG	cis-1,3-DICHLOROPROPENE	REAL	TR1	1	UG/L	U	V1	0.28	1	0.473	D&D Bldg 707
FD-707-4	10/10/01	SW07847RG	DIBROMOCHLOROMETHANE	REAL	TR1	1	UG/L	U	V1	0.38	1	1.01	D&D Bldg 707
FD-707-4	10/10/01	SW07847RG	DIBROMOMETHANE	REAL	TR1	1	UG/L	U	V1	0.44	1		D&D Bldg 707
FD-707-4	10/10/01	SW07847RG	DICHLORODIFLUOROMETHANE	REAL	TR1	1	UG/L	U	V1	0.23	1		D&D Bldg 707
FD-707-4	10/10/01	SW07847RG	ETHYLBENZENE	REAL	TR1	1	UG/L	U	V1	0.28	1	700	D&D Bldg 707
FD-707-4	10/10/01	SW07847RG	HEXACHLOROBUTADIENE	REAL	TR1	1	UG/L	U	V1	0.29	1	1.09	D&D Bldg 707
FD-707-4	10/10/01	SW07847RG	ISOPROPYLBENZENE	REAL	TR1	1	UG/L	U	V1	0.31	1		D&D Bldg 707
FD-707-4	10/10/01	SW07847RG	METHYLENE CHLORIDE	REAL	TR1	1	UG/L	U	V1	0.89	1	5	D&D Bldg 707
FD-707-4	10/10/01	SW07847RG	NAPHTHALENE	REAL	TR1	1	UG/L	U	UJ1	0.15	1	1460	D&D Bldg 707
FD-707-4	10/10/01	SW07847RG	n-BUTYLBENZENE	REAL	TR1	1	UG/L	U	V1	0.26	1		D&D Bldg 707
FD-707-4	10/10/01	SW07847RG	n-PROPYLBENZENE	REAL	TR1	1	UG/L	U	V1	0.23	1		D&D Bldg 707

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Appendix A: Groundwater Analytical Data - Dissolved Gasses and Volatile Organic Compounds Fourth Quarter 2001

Location	Sample Date	Sample #	Analyte	QC Type	Result Type	Result	Units	Lab Qual	Valid-ation	Detect Limit	Dilu-tion	Tier II	IMP Well Class
FD-707-4	10/10/01	SW07847RG	o-CHLOROTOLUENE	REAL	TR1	1	UG/L	U	V1	0.31	1		D&D Bldg 707
FD-707-4	10/10/01	SW07847RG	p-CHLOROTOLUENE	REAL	TR1	1	UG/L	U	V1	0.25	1		D&D Bldg 707
FD-707-4	10/10/01	SW07847RG	PROPANE, 1,2-DIBROMO-3-CHLORO-	REAL	TR1	1	UG/L	U	V1	0.25	1	0.2	D&D Bldg 707
FD-707-4	10/10/01	SW07847RG	sec-BUTYLBENZENE	REAL	TR1	1	UG/L	U	V1	0.26	1		D&D Bldg 707
FD-707-4	10/10/01	SW07847RG	STYRENE	REAL	TR1	1	UG/L	U	V1	0.27	1	100	D&D Bldg 707
FD-707-4	10/10/01	SW07847RG	tert-BUTYLBENZENE	REAL	TR1	1	UG/L	U	V1	0.29	1		D&D Bldg 707
FD-707-4	10/10/01	SW07847RG	TETRACHLOROETHENE	REAL	TR1	1	UG/L	U	V1	0.36	1	5	D&D Bldg 707
FD-707-4	10/10/01	SW07847RG	TOLUENE	REAL	TR1	1	UG/L	U	V1	0.29	1	1000	D&D Bldg 707
FD-707-4	10/10/01	SW07847RG	TOTAL XYLENES	REAL	TR1	1	UG/L	U	V1	0.95	1	10000	D&D Bldg 707
FD-707-4	10/10/01	SW07847RG	trans-1,2-DICHLOROETHENE	REAL	TR1	0.5	UG/L	U	V1	0.27	1	70	D&D Bldg 707
FD-707-4	10/10/01	SW07847RG	trans-1,3-DICHLOROPROPENE	REAL	TR1	1	UG/L	U	V1	0.42	1	0.473	D&D Bldg 707
FD-707-4	10/10/01	SW07847RG	TRICHLOROETHENE	REAL	TR1	1	UG/L	U	V1	0.22	1	5	D&D Bldg 707
FD-707-4	10/10/01	SW07847RG	TRICHLOROFLUOROMETHANE	REAL	TR1	1	UG/L	U	V1	0.28	1		D&D Bldg 707
FD-707-4	10/10/01	SW07847RG	VINYL CHLORIDE	REAL	TR1	1	UG/L	U	V1	0.21	1	2	D&D Bldg 707
P209489	10/5/01	GW07791RG	1,1,1,2-TETRACHLOROETHANE	REAL	TR1	1	UG/L	U	V1	0.22	1		Plume Definition
P209489	10/5/01	GW07791RG	1,1,1-TRICHLOROETHANE	REAL	TR1	1	UG/L	U	V1	0.26	1	200	Plume Definition
P209489	10/5/01	GW07791RG	1,1,2,2-TETRACHLOROETHANE	REAL	TR1	1	UG/L	U	V1	0.31	1	0.426	Plume Definition
P209489	10/5/01	GW07791RG	1,1,2-TRICHLOROETHANE	REAL	TR1	1	UG/L	U	V1	0.39	1	5	Plume Definition
P209489	10/5/01	GW07791RG	1,1,2-TRICHLOROTRIFLUOROETHANE	REAL	TR1	1.2	UG/L	U	V1	0.21	1		Plume Definition
P209489	10/5/01	GW07791RG	1,1-DICHLOROETHANE	REAL	TR1	0.62	UG/L	J	V1	0.17	1	3650	Plume Definition
P209489	10/5/01	GW07791RG	1,1-DICHLOROETHENE	REAL	TR1	0.27	UG/L	J	V1	0.2	1	7	Plume Definition
P209489	10/5/01	GW07791RG	1,1-DICHLOROPROPENE	REAL	TR1	1	UG/L	U	V1	0.22	1		Plume Definition
P209489	10/5/01	GW07791RG	1,2,3-TRICHLOROBENZENE	REAL	TR1	1	UG/L	U	UJ1	0.16	1		Plume Definition
P209489	10/5/01	GW07791RG	1,2,3-TRICHLOROPROPANE	REAL	TR1	1	UG/L	U	V1	0.29	1		Plume Definition
P209489	10/5/01	GW07791RG	1,2,4-TRICHLOROBENZENE	REAL	TR1	1	UG/L	U	UJ1	0.2	1	70	Plume Definition
P209489	10/5/01	GW07791RG	1,2-DIBROMOETHANE	REAL	TR1	1	UG/L	U	V1	0.36	1		Plume Definition
P209489	10/5/01	GW07791RG	1,2-DICHLOROBENZENE	REAL	TR1	1	UG/L	U	UJ1	0.24	1	600	Plume Definition
P209489	10/5/01	GW07791RG	1,2-DICHLOROETHANE	REAL	TR1	1	UG/L	U	V1	0.28	1	5	Plume Definition
P209489	10/5/01	GW07791RG	1,2-DICHLOROPROPANE	REAL	TR1	1	UG/L	U	V1	0.21	1	5	Plume Definition
P209489	10/5/01	GW07791RG	1,3-DICHLOROBENZENE	REAL	TR1	1	UG/L	U	UJ1	0.26	1	600	Plume Definition
P209489	10/5/01	GW07791RG	1,3-DICHLOROPROPANE	REAL	TR1	1	UG/L	U	V1	0.26	1		Plume Definition
P209489	10/5/01	GW07791RG	1,4-DICHLOROBENZENE	REAL	TR1	1	UG/L	U	UJ1	0.24	1	75	Plume Definition
P209489	10/5/01	GW07791RG	2,2-DICHLOROPROPANE	REAL	TR1	1	UG/L	U	V1	0.21	1		Plume Definition
P209489	10/5/01	GW07791RG	2-BUTANONE	REAL	TR1	5	UG/L	U	V1	0.93	1	21900	Plume Definition
P209489	10/5/01	GW07791RG	2-HEXANONE	REAL	TR1	5	UG/L	U	UJ1	0.7	1		Plume Definition
P209489	10/5/01	GW07791RG	4-ISOPROPYLTOLUENE	REAL	TR1	1	UG/L	U	UJ1	0.3	1		Plume Definition
P209489	10/5/01	GW07791RG	4-METHYL-2-PENTANONE	REAL	TR1	5	UG/L	U	UJ1	0.79	1	2920	Plume Definition
P209489	10/5/01	GW07791RG	ACETONE	REAL	TR1	10	UG/L	U	UJ1	1.9	1	3650	Plume Definition
P209489	10/5/01	GW07791RG	BENZENE	REAL	TR1	1	UG/L	U	UJ1	0.21	1	5	Plume Definition
P209489	10/5/01	GW07791RG	BENZENE, 1,2,4-TRIMETHYL	REAL	TR1	1	UG/L	U	UJ1	0.22	1		Plume Definition
P209489	10/5/01	GW07791RG	BENZENE, 1,3,5-TRIMETHYL-	REAL	TR1	1	UG/L	U	UJ1	0.29	1		Plume Definition
P209489	10/5/01	GW07791RG	BROMOBENZENE	REAL	TR1	1	UG/L	U	UJ1	0.24	1		Plume Definition
P209489	10/5/01	GW07791RG	BROMOCHLOROMETHANE	REAL	TR1	1	UG/L	U	V1	0.21	1		Plume Definition
P209489	10/5/01	GW07791RG	BROMODICHLOROMETHANE	REAL	TR1	1	UG/L	U	V1	0.22	1	100	Plume Definition
P209489	10/5/01	GW07791RG	BROMOFORM	REAL	TR1	1	UG/L	U	V1	0.32	1	100	Plume Definition
P209489	10/5/01	GW07791RG	BROMOMETHANE	REAL	TR1	1	UG/L	U	UJ1	0.3	1	51.1	Plume Definition
P209489	10/5/01	GW07791RG	CARBON DISULFIDE	REAL	TR1	1	UG/L	U	V1	0.19	1	3650	Plume Definition
P209489	10/5/01	GW07791RG	CARBON TETRACHLORIDE	REAL	TR1	35	UG/L		V1	0.19	1	5	Plume Definition
P209489	10/5/01	GW07791RG	CHLOROBENZENE	REAL	TR1	1	UG/L	U	UJ1	0.3	1	100	Plume Definition
P209489	10/5/01	GW07791RG	CHLOROETHANE	REAL	TR1	1	UG/L	U	V1	0.25	1	29.4	Plume Definition
P209489	10/5/01	GW07791RG	CHLOROFORM	REAL	TR1	18	UG/L		V1	0.23	1	100	Plume Definition
P209489	10/5/01	GW07791RG	CHLOROMETHANE	REAL	TR1	1	UG/L	U	V1	0.3	1	6.55	Plume Definition
P209489	10/5/01	GW07791RG	cis-1,2-DICHLOROETHENE	REAL	TR1	7.5	UG/L		V1	0.26	1	70	Plume Definition
P209489	10/5/01	GW07791RG	cis-1,3-DICHLOROPROPENE	REAL	TR1	1	UG/L	U	V1	0.28	1	0.473	Plume Definition
P209489	10/5/01	GW07791RG	DIBROMOCHLOROMETHANE	REAL	TR1	1	UG/L	U	V1	0.38	1	1.01	Plume Definition
P209489	10/5/01	GW07791RG	DIBROMOMETHANE	REAL	TR1	1	UG/L	U	V1	0.44	1		Plume Definition

(TIC) = Tentatively Identified Compound



**Appendix A: Groundwater Analytical Data - Dissolved Gasses and Volatile Organic Compounds Fourth Quarter 2001**

Location	Sample Date	Sample #	Analyte	QC Type	Result Type	Result	Units	Lab Qual	Valid-ation	Detect Limit	Dilu-tion	Tier II	IMP Well Class
P209489	10/5/01	GW07791RG	DICHLORODIFLUOROMETHANE	REAL	TR1	0.49	UG/L	J	V1	0.23	1		Plume Definition
P209489	10/5/01	GW07791RG	ETHANE, 1,2-DICHLORO-1,1,2-T (TIC)	REAL	TR1	4.2	UG/L	J	V1		1		Plume Definition
P209489	10/5/01	GW07791RG	ETHYLBENZENE	REAL	TR1	1	UG/L	U	UJ1	0.28	1	700	Plume Definition
P209489	10/5/01	GW07791RG	HEXACHLOROBUTADIENE	REAL	TR1	1	UG/L	U	V1	0.29	1	1.09	Plume Definition
P209489	10/5/01	GW07791RG	ISOPROPYLBENZENE	REAL	TR1	1	UG/L	U	UJ1	0.31	1		Plume Definition
P209489	10/5/01	GW07791RG	METHYLENE CHLORIDE	REAL	TR1	1	UG/L	U	V1	0.89	1	5	Plume Definition
P209489	10/5/01	GW07791RG	NAPHTHALENE	REAL	TR1	1	UG/L	U	UJ1	0.15	1	1460	Plume Definition
P209489	10/5/01	GW07791RG	n-BUTYLBENZENE	REAL	TR1	1	UG/L	U	UJ1	0.26	1		Plume Definition
P209489	10/5/01	GW07791RG	n-PROPYLBENZENE	REAL	TR1	1	UG/L	U	UJ1	0.23	1		Plume Definition
P209489	10/5/01	GW07791RG	o-CHLOROTOLUENE	REAL	TR1	1	UG/L	U	UJ1	0.31	1		Plume Definition
P209489	10/5/01	GW07791RG	p-CHLOROTOLUENE	REAL	TR1	1	UG/L	U	UJ1	0.25	1		Plume Definition
P209489	10/5/01	GW07791RG	PROPANE, 1,2-DIBROMO-3-CHLORO-	REAL	TR1	1	UG/L	U	V1	0.25	1	0.2	Plume Definition
P209489	10/5/01	GW07791RG	sec-BUTYLBENZENE	REAL	TR1	1	UG/L	U	UJ1	0.26	1		Plume Definition
P209489	10/5/01	GW07791RG	STYRENE	REAL	TR1	1	UG/L	U	UJ1	0.27	1	100	Plume Definition
P209489	10/5/01	GW07791RG	tert-BUTYLBENZENE	REAL	TR1	1	UG/L	U	UJ1	0.29	1		Plume Definition
P209489	10/5/01	GW07791RG	TETRACHLOROETHENE	REAL	TR1	2.8	UG/L		V1	0.36	1	5	Plume Definition
P209489	10/5/01	GW07791RG	TOLUENE	REAL	TR1	1	UG/L	U	UJ1	0.29	1	1000	Plume Definition
P209489	10/5/01	GW07791RG	TOTAL XYLENES	REAL	TR1	1	UG/L	U	UJ1	0.95	1	10000	Plume Definition
P209489	10/5/01	GW07791RG	trans-1,2-DICHLOROETHENE	REAL	TR1	0.5	UG/L	U	V1	0.27	1	70	Plume Definition
P209489	10/5/01	GW07791RG	trans-1,3-DICHLOROPROPENE	REAL	TR1	1	UG/L	U	V1	0.42	1	0.473	Plume Definition
P209489	10/5/01	GW07791RG	TRICHLOROETHENE	REAL	TR1	49	UG/L		V1	0.22	1	5	Plume Definition
P209489	10/5/01	GW07791RG	TRICHLOROFLUOROMETHANE	REAL	TR1	1	UG/L	U	V1	0.28	1		Plume Definition
P209489	10/5/01	GW07791RG	VINYL CHLORIDE	REAL	TR1	0.41	UG/L	J	V1	0.21	1	2	Plume Definition
P218089	10/19/01	GW07841RG	1,1,1,2-TETRACHLOROETHANE	REAL	TR1	1	UG/L	U	V1	0.22	1		D&D Bldg 707
P218089	10/19/01	GW07841RG	1,1,1-TRICHLOROETHANE	REAL	TR1	1	UG/L	U	V1	0.26	1	200	D&D Bldg 707
P218089	10/19/01	GW07841RG	1,1,2,2-TETRACHLOROETHANE	REAL	TR1	1	UG/L	U	V1	0.31	1	0.426	D&D Bldg 707
P218089	10/19/01	GW07841RG	1,1,2-TRICHLOROETHANE	REAL	TR1	1	UG/L	U	V1	0.39	1	5	D&D Bldg 707
P218089	10/19/01	GW07841RG	1,1,2-TRICHLOROTRIFLUOROETHANE	REAL	TR1	1	UG/L	U	V1	0.21	1		D&D Bldg 707
P218089	10/19/01	GW07841RG	1,1-DICHLOROETHANE	REAL	TR1	1	UG/L	U	V1	0.17	1	3650	D&D Bldg 707
P218089	10/19/01	GW07841RG	1,1-DICHLOROETHENE	REAL	TR1	1	UG/L	U	V1	0.2	1	7	D&D Bldg 707
P218089	10/19/01	GW07841RG	1,1-DICHLOROPROPENE	REAL	TR1	1	UG/L	U	V1	0.22	1		D&D Bldg 707
P218089	10/19/01	GW07841RG	1,2,3-TRICHLOROBENZENE	REAL	TR1	1	UG/L	U	UJ1	0.16	1		D&D Bldg 707
P218089	10/19/01	GW07841RG	1,2,3-TRICHLOROPROPANE	REAL	TR1	1	UG/L	U	V1	0.29	1		D&D Bldg 707
P218089	10/19/01	GW07841RG	1,2,4-TRICHLOROBENZENE	REAL	TR1	1	UG/L	U	UJ1	0.2	1	70	D&D Bldg 707
P218089	10/19/01	GW07841RG	1,2-DIBROMOETHANE	REAL	TR1	1	UG/L	U	V1	0.36	1		D&D Bldg 707
P218089	10/19/01	GW07841RG	1,2-DICHLOROBENZENE	REAL	TR1	1	UG/L	U	UJ1	0.24	1	600	D&D Bldg 707
P218089	10/19/01	GW07841RG	1,2-DICHLOROETHANE	REAL	TR1	1	UG/L	U	V1	0.28	1	5	D&D Bldg 707
P218089	10/19/01	GW07841RG	1,2-DICHLOROPROPANE	REAL	TR1	1	UG/L	U	V1	0.21	1	5	D&D Bldg 707
P218089	10/19/01	GW07841RG	1,3-DICHLOROBENZENE	REAL	TR1	1	UG/L	U	UJ1	0.26	1	600	D&D Bldg 707
P218089	10/19/01	GW07841RG	1,3-DICHLOROPROPANE	REAL	TR1	1	UG/L	U	V1	0.26	1		D&D Bldg 707
P218089	10/19/01	GW07841RG	1,4-DICHLOROBENZENE	REAL	TR1	1	UG/L	U	UJ1	0.24	1	75	D&D Bldg 707
P218089	10/19/01	GW07841RG	2,2-DICHLOROPROPANE	REAL	TR1	1	UG/L	U	V1	0.21	1		D&D Bldg 707
P218089	10/19/01	GW07841RG	2-BUTANONE	REAL	TR1	5	UG/L	U	V1	0.93	1	21900	D&D Bldg 707
P218089	10/19/01	GW07841RG	2-HEXANONE	REAL	TR1	5	UG/L	U	V1	0.7	1		D&D Bldg 707
P218089	10/19/01	GW07841RG	4-ISOPROPYLTOLUENE	REAL	TR1	1	UG/L	U	UJ1	0.3	1		D&D Bldg 707
P218089	10/19/01	GW07841RG	4-METHYL-2-PENTANONE	REAL	TR1	5	UG/L	U	V1	0.79	1	2920	D&D Bldg 707
P218089	10/19/01	GW07841RG	ACETONE	REAL	TR1	10	UG/L	U	V1	1.9	1	3650	D&D Bldg 707
P218089	10/19/01	GW07841RG	BENZENE	REAL	TR1	1	UG/L	U	UJ1	0.21	1	5	D&D Bldg 707
P218089	10/19/01	GW07841RG	BENZENE, 1,2,4-TRIMETHYL	REAL	TR1	1	UG/L	U	UJ1	0.22	1		D&D Bldg 707
P218089	10/19/01	GW07841RG	BENZENE, 1,3,5-TRIMETHYL-	REAL	TR1	1	UG/L	U	UJ1	0.29	1		D&D Bldg 707
P218089	10/19/01	GW07841RG	BROMOBENZENE	REAL	TR1	1	UG/L	U	UJ1	0.24	1		D&D Bldg 707
P218089	10/19/01	GW07841RG	BROMOCHLOROMETHANE	REAL	TR1	1	UG/L	U	V1	0.21	1		D&D Bldg 707
P218089	10/19/01	GW07841RG	BROMODICHLOROMETHANE	REAL	TR1	1	UG/L	U	V1	0.22	1	100	D&D Bldg 707
P218089	10/19/01	GW07841RG	BROMOFORM	REAL	TR1	1	UG/L	U	V1	0.32	1	100	D&D Bldg 707
P218089	10/19/01	GW07841RG	BROMOMETHANE	REAL	TR1	1	UG/L	U	V1	0.3	1	51.1	D&D Bldg 707
P218089	10/19/01	GW07841RG	CARBON DISULFIDE	REAL	TR1	1	UG/L	U	V1	0.19	1	3650	D&D Bldg 707

(TIC) = Tentatively Identified Compound

Appendix A: Groundwater Analytical Data - Dissolved Gasses and Volatile Organic Compounds Fourth Quarter 2001

Location	Sample Date	Sample #	Analyte	QC Type	Result Type	Result	Units	Lab Qual	Valid-ation	Detect Limit	Dilu-tion	Tier II	IMP Well Class
P218089	10/19/01	GW07841RG	CARBON TETRACHLORIDE	REAL	TR1	1	UG/L	U	V1	0.19	1	5	D&D Bldg 707
P218089	10/19/01	GW07841RG	CHLOROBENZENE	REAL	TR1	1	UG/L	U	UJ1	0.3	1	100	D&D Bldg 707
P218089	10/19/01	GW07841RG	CHLOROETHANE	REAL	TR1	1	UG/L	U	V1	0.25	1	29.4	D&D Bldg 707
P218089	10/19/01	GW07841RG	CHLOROFORM	REAL	TR1	1	UG/L	U	V1	0.23	1	100	D&D Bldg 707
P218089	10/19/01	GW07841RG	CHLOROMETHANE	REAL	TR1	1	UG/L	U	V1	0.3	1	6.55	D&D Bldg 707
P218089	10/19/01	GW07841RG	cis-1,2-DICHLOROETHENE	REAL	TR1	1	UG/L	U	V1	0.26	1	70	D&D Bldg 707
P218089	10/19/01	GW07841RG	cis-1,3-DICHLOROPROPENE	REAL	TR1	1	UG/L	U	V1	0.28	1	0.473	D&D Bldg 707
P218089	10/19/01	GW07841RG	DIBROMOCHLOROMETHANE	REAL	TR1	1	UG/L	U	V1	0.38	1	1.01	D&D Bldg 707
P218089	10/19/01	GW07841RG	DIBROMOMETHANE	REAL	TR1	1	UG/L	U	V1	0.44	1		D&D Bldg 707
P218089	10/19/01	GW07841RG	DICHLORODIFLUOROMETHANE	REAL	TR1	1	UG/L	U	V1	0.23	1		D&D Bldg 707
P218089	10/19/01	GW07841RG	ETHYLBENZENE	REAL	TR1	1	UG/L	U	UJ1	0.28	1	700	D&D Bldg 707
P218089	10/19/01	GW07841RG	HEXACHLOROBUTADIENE	REAL	TR1	1	UG/L	U	V1	0.29	1	1.09	D&D Bldg 707
P218089	10/19/01	GW07841RG	ISOPROPYLBENZENE	REAL	TR1	1	UG/L	U	UJ1	0.31	1		D&D Bldg 707
P218089	10/19/01	GW07841RG	METHYLENE CHLORIDE	REAL	TR1	1	UG/L	U	V1	0.89	1	5	D&D Bldg 707
P218089	10/19/01	GW07841RG	NAPHTHALENE	REAL	TR1	1	UG/L	U	UJ1	0.15	1	1460	D&D Bldg 707
P218089	10/19/01	GW07841RG	n-BUTYLBENZENE	REAL	TR1	1	UG/L	U	UJ1	0.26	1		D&D Bldg 707
P218089	10/19/01	GW07841RG	n-PROPYLBENZENE	REAL	TR1	1	UG/L	U	UJ1	0.23	1		D&D Bldg 707
P218089	10/19/01	GW07841RG	o-CHLOROTOLUENE	REAL	TR1	1	UG/L	U	UJ1	0.31	1		D&D Bldg 707
P218089	10/19/01	GW07841RG	p-CHLOROTOLUENE	REAL	TR1	1	UG/L	U	UJ1	0.25	1		D&D Bldg 707
P218089	10/19/01	GW07841RG	PROPANE, 1,2-DIBROMO-3-CHLORO-	REAL	TR1	1	UG/L	U	V1	0.25	1	0.2	D&D Bldg 707
P218089	10/19/01	GW07841RG	sec-BUTYLBENZENE	REAL	TR1	1	UG/L	U	UJ1	0.26	1		D&D Bldg 707
P218089	10/19/01	GW07841RG	STYRENE	REAL	TR1	1	UG/L	U	UJ1	0.27	1	100	D&D Bldg 707
P218089	10/19/01	GW07841RG	tert-BUTYLBENZENE	REAL	TR1	1	UG/L	U	UJ1	0.29	1		D&D Bldg 707
P218089	10/19/01	GW07841RG	TETRACHLOROETHENE	REAL	TR1	1.2	UG/L		V1	0.36	1	5	D&D Bldg 707
P218089	10/19/01	GW07841RG	TOLUENE	REAL	TR1	1	UG/L	U	UJ1	0.29	1	1000	D&D Bldg 707
P218089	10/19/01	GW07841RG	TOTAL XYLENES	REAL	TR1	1	UG/L	U	UJ1	0.95	1	10000	D&D Bldg 707
P218089	10/19/01	GW07841RG	trans-1,2-DICHLOROETHENE	REAL	TR1	0.5	UG/L	U	V1	0.27	1	70	D&D Bldg 707
P218089	10/19/01	GW07841RG	trans-1,3-DICHLOROPROPENE	REAL	TR1	1	UG/L	U	V1	0.42	1	0.473	D&D Bldg 707
P218089	10/19/01	GW07841RG	TRICHLOROETHENE	REAL	TR1	1	UG/L	U	V1	0.22	1	5	D&D Bldg 707
P218089	10/19/01	GW07841RG	TRICHLOROFLUOROMETHANE	REAL	TR1	1	UG/L	U	V1	0.28	1		D&D Bldg 707
P218089	10/19/01	GW07841RG	VINYL CHLORIDE	REAL	TR1	1	UG/L	U	V1	0.21	1	2	D&D Bldg 707
P219089	10/30/01	GW07839RG	1,1,1,2-TETRACHLOROETHANE	REAL	TR1	1	UG/L	U	V1	0.22	1		D&D Bldg 771
P219089	10/30/01	GW07839RG	1,1,1-TRICHLOROETHANE	REAL	TR1	1	UG/L	U	V1	0.26	1	200	D&D Bldg 771
P219089	10/30/01	GW07839RG	1,1,2,2-TETRACHLOROETHANE	REAL	TR1	1	UG/L	U	V1	0.31	1	0.426	D&D Bldg 771
P219089	10/30/01	GW07839RG	1,1,2-TRICHLOROETHANE	REAL	TR1	1	UG/L	U	V1	0.39	1	5	D&D Bldg 771
P219089	10/30/01	GW07839RG	1,1,2-TRICHLOROTRIFLUOROETHANE	REAL	TR1	1	UG/L	U	V1	0.21	1		D&D Bldg 771
P219089	10/30/01	GW07839RG	1,1-DICHLOROETHANE	REAL	TR1	1	UG/L	U	V1	0.17	1	3650	D&D Bldg 771
P219089	10/30/01	GW07839RG	1,1-DICHLOROETHENE	REAL	TR1	1	UG/L	U	V1	0.2	1	7	D&D Bldg 771
P219089	10/30/01	GW07839RG	1,1-DICHLOROPROPENE	REAL	TR1	1	UG/L	U	V1	0.22	1		D&D Bldg 771
P219089	10/30/01	GW07839RG	1,2,3-TRICHLOROBENZENE	REAL	TR1	1	UG/L	U	UJ1	0.16	1		D&D Bldg 771
P219089	10/30/01	GW07839RG	1,2,3-TRICHLOROPROPANE	REAL	TR1	1	UG/L	U	V1	0.29	1		D&D Bldg 771
P219089	10/30/01	GW07839RG	1,2,4-TRICHLOROBENZENE	REAL	TR1	1	UG/L	U	UJ1	0.2	1	70	D&D Bldg 771
P219089	10/30/01	GW07839RG	1,2-DIBROMOETHANE	REAL	TR1	1	UG/L	U	V1	0.36	1		D&D Bldg 771
P219089	10/30/01	GW07839RG	1,2-DICHLOROBENZENE	REAL	TR1	1	UG/L	U	UJ1	0.24	1	600	D&D Bldg 771
P219089	10/30/01	GW07839RG	1,2-DICHLOROETHANE	REAL	TR1	1	UG/L	U	V1	0.28	1	5	D&D Bldg 771
P219089	10/30/01	GW07839RG	1,2-DICHLOROPROPANE	REAL	TR1	1	UG/L	U	V1	0.21	1	5	D&D Bldg 771
P219089	10/30/01	GW07839RG	1,3-DICHLOROBENZENE	REAL	TR1	1	UG/L	U	UJ1	0.26	1	600	D&D Bldg 771
P219089	10/30/01	GW07839RG	1,3-DICHLOROPROPANE	REAL	TR1	1	UG/L	U	V1	0.26	1		D&D Bldg 771
P219089	10/30/01	GW07839RG	1,4-DICHLOROBENZENE	REAL	TR1	1	UG/L	U	UJ1	0.24	1	75	D&D Bldg 771
P219089	10/30/01	GW07839RG	2,2-DICHLOROPROPANE	REAL	TR1	1	UG/L	U	V1	0.21	1		D&D Bldg 771
P219089	10/30/01	GW07839RG	2-BUTANONE	REAL	TR1	5	UG/L	U	UJ1	0.93	1	21900	D&D Bldg 771
P219089	10/30/01	GW07839RG	2-HEXANONE	REAL	TR1	5	UG/L	U	UJ1	0.7	1		D&D Bldg 771
P219089	10/30/01	GW07839RG	4-ISOPROPYLTOLUENE	REAL	TR1	1	UG/L	U	UJ1	0.3	1		D&D Bldg 771
P219089	10/30/01	GW07839RG	4-METHYL-2-PENTANONE	REAL	TR1	5	UG/L	U	UJ1	0.79	1	2920	D&D Bldg 771
P219089	10/30/01	GW07839RG	ACETONE	REAL	TR1	10	UG/L	U	UJ1	1.9	1	3650	D&D Bldg 771
P219089	10/30/01	GW07839RG	BENZENE	REAL	TR1	1	UG/L	U	UJ1	0.21	1	5	D&D Bldg 771

(TIC) = Tentatively Identified Compound



Appendix A: Groundwater Analytical Data - Dissolved Gasses and Volatile Organic Compounds Fourth Quarter 2001

Location	Sample Date	Sample #	Analyte	QC Type	Result Type	Result	Units	Lab Qual	Valid-ation	Detect Limit	Dilu-tion	Tier II	IMP Well Class
P219089	10/30/01	GW07839RG	BENZENE, 1,2,4-TRIMETHYL	REAL	TR1	1	UG/L	U	UJ1	0.22	1		D&D Bldg 771
P219089	10/30/01	GW07839RG	BENZENE, 1,3,5-TRIMETHYL-	REAL	TR1	1	UG/L	U	UJ1	0.29	1		D&D Bldg 771
P219089	10/30/01	GW07839RG	BROMOBENZENE	REAL	TR1	1	UG/L	U	UJ1	0.24	1		D&D Bldg 771
P219089	10/30/01	GW07839RG	BROMOCHLOROMETHANE	REAL	TR1	1	UG/L	U	V1	0.21	1		D&D Bldg 771
P219089	10/30/01	GW07839RG	BROMODICHLOROMETHANE	REAL	TR1	1	UG/L	U	V1	0.22	1	100	D&D Bldg 771
P219089	10/30/01	GW07839RG	BROMOFORM	REAL	TR1	1	UG/L	U	UJ1	0.32	1	100	D&D Bldg 771
P219089	10/30/01	GW07839RG	BROMOMETHANE	REAL	TR1	1	UG/L	U	UJ1	0.3	1	51.1	D&D Bldg 771
P219089	10/30/01	GW07839RG	CARBON DISULFIDE	REAL	TR1	1	UG/L	U	V1	0.19	1	3650	D&D Bldg 771
P219089	10/30/01	GW07839RG	CARBON TETRACHLORIDE	REAL	TR1	1	UG/L	U	V1	0.19	1	5	D&D Bldg 771
P219089	10/30/01	GW07839RG	CHLOROBENZENE	REAL	TR1	1	UG/L	U	UJ1	0.3	1	100	D&D Bldg 771
P219089	10/30/01	GW07839RG	CHLOROETHANE	REAL	TR1	1	UG/L	U	V1	0.25	1	29.4	D&D Bldg 771
P219089	10/30/01	GW07839RG	CHLOROFORM	REAL	TR1	1	UG/L	U	V1	0.23	1	100	D&D Bldg 771
P219089	10/30/01	GW07839RG	CHLOROMETHANE	REAL	TR1	1	UG/L	U	V1	0.3	1	6.55	D&D Bldg 771
P219089	10/30/01	GW07839RG	cis-1,2-DICHLOROETHENE	REAL	TR1	1	UG/L	U	V1	0.26	1	70	D&D Bldg 771
P219089	10/30/01	GW07839RG	cis-1,3-DICHLOROPROPENE	REAL	TR1	1	UG/L	U	V1	0.28	1	0.473	D&D Bldg 771
P219089	10/30/01	GW07839RG	DIBROMOCHLOROMETHANE	REAL	TR1	1	UG/L	U	V1	0.38	1	1.01	D&D Bldg 771
P219089	10/30/01	GW07839RG	DIBROMOMETHANE	REAL	TR1	1	UG/L	U	V1	0.44	1		D&D Bldg 771
P219089	10/30/01	GW07839RG	DICHLORODIFLUOROMETHANE	REAL	TR1	1	UG/L	U	V1	0.23	1		D&D Bldg 771
P219089	10/30/01	GW07839RG	ETHYLBENZENE	REAL	TR1	1	UG/L	U	UJ1	0.28	1	700	D&D Bldg 771
P219089	10/30/01	GW07839RG	HEXACHLOROBUTADIENE	REAL	TR1	1	UG/L	U	V1	0.29	1	1.09	D&D Bldg 771
P219089	10/30/01	GW07839RG	ISOPROPYLBENZENE	REAL	TR1	1	UG/L	U	UJ1	0.31	1		D&D Bldg 771
P219089	10/30/01	GW07839RG	METHYLENE CHLORIDE	REAL	TR1	1	UG/L	U	V1	0.89	1	5	D&D Bldg 771
P219089	10/30/01	GW07839RG	NAPHTHALENE	REAL	TR1	1	UG/L	U	UJ1	0.15	1	1460	D&D Bldg 771
P219089	10/30/01	GW07839RG	n-BUTYLBENZENE	REAL	TR1	1	UG/L	U	UJ1	0.26	1		D&D Bldg 771
P219089	10/30/01	GW07839RG	n-PROPYLBENZENE	REAL	TR1	1	UG/L	U	UJ1	0.23	1		D&D Bldg 771
P219089	10/30/01	GW07839RG	o-CHLOROTOLUENE	REAL	TR1	1	UG/L	U	UJ1	0.31	1		D&D Bldg 771
P219089	10/30/01	GW07839RG	p-CHLOROTOLUENE	REAL	TR1	1	UG/L	U	UJ1	0.25	1		D&D Bldg 771
P219089	10/30/01	GW07839RG	PROPANE, 1,2-DIBROMO-3-CHLORO-	REAL	TR1	1	UG/L	U	V1	0.25	1	0.2	D&D Bldg 771
P219089	10/30/01	GW07839RG	sec-BUTYLBENZENE	REAL	TR1	1	UG/L	U	UJ1	0.26	1		D&D Bldg 771
P219089	10/30/01	GW07839RG	STYRENE	REAL	TR1	1	UG/L	U	UJ1	0.27	1	100	D&D Bldg 771
P219089	10/30/01	GW07839RG	tert-BUTYLBENZENE	REAL	TR1	1	UG/L	U	UJ1	0.29	1		D&D Bldg 771
P219089	10/30/01	GW07839RG	TETRACHLOROETHENE	REAL	TR1	1	UG/L	U	V1	0.36	1	5	D&D Bldg 771
P219089	10/30/01	GW07839RG	TOLUENE	REAL	TR1	1	UG/L	U	UJ1	0.29	1	1000	D&D Bldg 771
P219089	10/30/01	GW07839RG	TOTAL XYLENES	REAL	TR1	1	UG/L	U	UJ1	0.95	1	10000	D&D Bldg 771
P219089	10/30/01	GW07839RG	trans-1,2-DICHLOROETHENE	REAL	TR1	0.5	UG/L	U	V1	0.27	1	70	D&D Bldg 771
P219089	10/30/01	GW07839RG	trans-1,3-DICHLOROPROPENE	REAL	TR1	1	UG/L	U	V1	0.42	1	0.473	D&D Bldg 771
P219089	10/30/01	GW07839RG	TRICHLOROETHENE	REAL	TR1	1	UG/L	U	V1	0.22	1	5	D&D Bldg 771
P219089	10/30/01	GW07839RG	TRICHLOROFLUOROMETHANE	REAL	TR1	1	UG/L	U	V1	0.28	1		D&D Bldg 771
P219089	10/30/01	GW07839RG	VINYL CHLORIDE	REAL	TR1	1	UG/L	U	V1	0.21	1	2	D&D Bldg 771
P219189	10/9/01	GW07793RG	1,1,1,2-TETRACHLOROETHANE	REAL	TR1	1	UG/L	U	V1	0.22	1		Plume Definition
P219189	10/9/01	GW07793RG	1,1,1-TRICHLOROETHANE	REAL	TR1	2.6	UG/L		V1	0.26	1	200	Plume Definition
P219189	10/9/01	GW07793RG	1,1,2,2-TETRACHLOROETHANE	REAL	TR1	1	UG/L	U	V1	0.31	1	0.426	Plume Definition
P219189	10/9/01	GW07793RG	1,1,2-TRICHLOROETHANE	REAL	TR1	1	UG/L		V1	0.39	1	5	Plume Definition
P219189	10/9/01	GW07793RG	1,1,2-TRICHLOROTRIFLUOROETHANE	REAL	TR1	0.38	UG/L	J	V1	0.21	1		Plume Definition
P219189	10/9/01	GW07793RG	1,1-DICHLOROETHANE	REAL	TR1	31	UG/L		V1	0.17	1	3650	Plume Definition
P219189	10/9/01	GW07793RG	1,1-DICHLOROETHENE	REAL	TR1	21	UG/L		V1	0.2	1	7	Plume Definition
P219189	10/9/01	GW07793RG	1,1-DICHLOROPROPENE	REAL	TR1	1	UG/L	U	V1	0.22	1		Plume Definition
P219189	10/9/01	GW07793RG	1,2,3-TRICHLOROETHANE	REAL	TR1	1	UG/L	U	V1	0.16	1		Plume Definition
P219189	10/9/01	GW07793RG	1,2,3-TRICHLOROPROPANE	REAL	TR1	1	UG/L	U	V1	0.29	1		Plume Definition
P219189	10/9/01	GW07793RG	1,2,4-TRICHLOROETHANE	REAL	TR1	1	UG/L	U	V1	0.2	1	70	Plume Definition
P219189	10/9/01	GW07793RG	1,2-DIBROMOETHANE	REAL	TR1	1	UG/L	U	V1	0.36	1		Plume Definition
P219189	10/9/01	GW07793RG	1,2-DICHLOROETHANE	REAL	TR1	1	UG/L	U	V1	0.24	1	600	Plume Definition
P219189	10/9/01	GW07793RG	1,2-DICHLOROETHANE	REAL	TR1	0.33	UG/L	J	V1	0.28	1	5	Plume Definition
P219189	10/9/01	GW07793RG	1,2-DICHLOROPROPANE	REAL	TR1	0.42	UG/L	J	V1	0.21	1	5	Plume Definition
P219189	10/9/01	GW07793RG	1,3-DICHLOROETHANE	REAL	TR1	1	UG/L	U	V1	0.26	1	600	Plume Definition
P219189	10/9/01	GW07793RG	1,3-DICHLOROPROPANE	REAL	TR1	1	UG/L	U	V1	0.26	1		Plume Definition

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Appendix A: Groundwater Analytical Data - Dissolved Gasses and Volatile Organic Compounds Fourth Quarter 2001

Location	Sample Date	Sample #	Analyte	QC Type	Result Type	Result	Units	Lab Qual	Valid-ation	Detect Limit	Dilu-tion	Tier II	IMP Well Class
P219189	10/9/01	GW07793RG	1,4-DICHLOROBENZENE	REAL	TR1	1	UG/L	U	V1	0.24	1	75	Plume Definition
P219189	10/9/01	GW07793RG	2,2-DICHLOROPROPANE	REAL	TR1	1	UG/L	U	V1	0.21	1		Plume Definition
P219189	10/9/01	GW07793RG	2-BUTANONE	REAL	TR1	5	UG/L	U	V1	0.93	1	21900	Plume Definition
P219189	10/9/01	GW07793RG	2-HEXANONE	REAL	TR1	5	UG/L	U	UJ1	0.7	1		Plume Definition
P219189	10/9/01	GW07793RG	4-ISOPROPYLTOLUENE	REAL	TR1	1	UG/L	U	V1	0.3	1		Plume Definition
P219189	10/9/01	GW07793RG	4-METHYL-2-PENTANONE	REAL	TR1	5	UG/L	U	UJ1	0.79	1	2920	Plume Definition
P219189	10/9/01	GW07793RG	ACETONE	REAL	TR1	10	UG/L	U	UJ1	1.9	1	3650	Plume Definition
P219189	10/9/01	GW07793RG	BENZENE	REAL	TR1	1	UG/L	U	V1	0.21	1	5	Plume Definition
P219189	10/9/01	GW07793RG	BENZENE, 1,2,4-TRIMETHYL	REAL	TR1	1	UG/L	U	V1	0.22	1		Plume Definition
P219189	10/9/01	GW07793RG	BENZENE, 1,3,5-TRIMETHYL-	REAL	TR1	1	UG/L	U	V1	0.29	1		Plume Definition
P219189	10/9/01	GW07793RG	BROMOBENZENE	REAL	TR1	1	UG/L	U	V1	0.24	1		Plume Definition
P219189	10/9/01	GW07793RG	BROMOCHLOROMETHANE	REAL	TR1	1	UG/L	U	V1	0.21	1		Plume Definition
P219189	10/9/01	GW07793RG	BROMODICHLOROMETHANE	REAL	TR1	1	UG/L	U	V1	0.22	1	100	Plume Definition
P219189	10/9/01	GW07793RG	BROMOFORM	REAL	TR1	1	UG/L	U	V1	0.32	1	100	Plume Definition
P219189	10/9/01	GW07793RG	BROMOMETHANE	REAL	TR1	1	UG/L	U	UJ1	0.3	1	51.1	Plume Definition
P219189	10/9/01	GW07793RG	CARBON DISULFIDE	REAL	TR1	1	UG/L	U	V1	0.19	1	3650	Plume Definition
P219189	10/9/01	GW07793RG	CARBON TETRACHLORIDE	REAL	TR1	1	UG/L	U	V1	0.19	1	5	Plume Definition
P219189	10/9/01	GW07793RG	CHLOROBENZENE	REAL	TR1	1	UG/L	U	V1	0.3	1	100	Plume Definition
P219189	10/9/01	GW07793RG	CHLOROETHANE	REAL	TR1	1	UG/L	U	V1	0.25	1	29.4	Plume Definition
P219189	10/9/01	GW07793RG	CHLOROFORM	REAL	TR1	1	UG/L		V1	0.23	1	100	Plume Definition
P219189	10/9/01	GW07793RG	CHLOROMETHANE	REAL	TR1	1	UG/L		V1	0.3	1	6.55	Plume Definition
P219189	10/9/01	GW07793RG	cis-1,2-DICHLOROETHENE	REAL	TR1	0.8	UG/L	J	V1	0.26	1	70	Plume Definition
P219189	10/9/01	GW07793RG	cis-1,3-DICHLOROPROPENE	REAL	TR1	1	UG/L	U	V1	0.28	1	0.473	Plume Definition
P219189	10/9/01	GW07793RG	DIBROMOCHLOROMETHANE	REAL	TR1	1	UG/L	U	V1	0.38	1	1.01	Plume Definition
P219189	10/9/01	GW07793RG	DIBROMOMETHANE	REAL	TR1	1	UG/L	U	V1	0.44	1		Plume Definition
P219189	10/9/01	GW07793RG	DICHLORODIFLUOROMETHANE	REAL	TR1	1	UG/L	U	V1	0.23	1		Plume Definition
P219189	10/9/01	GW07793RG	ETHANE, 1,2-DICHLORO-1,1,2-T (TIC)	REAL	TR1	3	UG/L	J	V1		1		Plume Definition
P219189	10/9/01	GW07793RG	ETHYLBENZENE	REAL	TR1	1	UG/L	U	V1	0.28	1	700	Plume Definition
P219189	10/9/01	GW07793RG	HEXACHLOROBUTADIENE	REAL	TR1	1	UG/L	U	V1	0.29	1	1.09	Plume Definition
P219189	10/9/01	GW07793RG	ISOPROPYLBENZENE	REAL	TR1	1	UG/L	U	V1	0.31	1		Plume Definition
P219189	10/9/01	GW07793RG	METHYLENE CHLORIDE	REAL	TR1	1	UG/L	U	V1	0.89	1	5	Plume Definition
P219189	10/9/01	GW07793RG	NAPHTHALENE	REAL	TR1	1	UG/L	U	UJ1	0.15	1	1460	Plume Definition
P219189	10/9/01	GW07793RG	n-BUTYLBENZENE	REAL	TR1	1	UG/L	U	V1	0.26	1		Plume Definition
P219189	10/9/01	GW07793RG	n-PROPYLBENZENE	REAL	TR1	1	UG/L	U	V1	0.23	1		Plume Definition
P219189	10/9/01	GW07793RG	o-CHLOROTOLUENE	REAL	TR1	1	UG/L	U	V1	0.31	1		Plume Definition
P219189	10/9/01	GW07793RG	p-CHLOROTOLUENE	REAL	TR1	1	UG/L	U	V1	0.25	1		Plume Definition
P219189	10/9/01	GW07793RG	PROPANE, 1,2-DIBROMO-3-CHLORO-	REAL	TR1	1	UG/L	U	V1	0.25	1	0.2	Plume Definition
P219189	10/9/01	GW07793RG	sec-BUTYLBENZENE	REAL	TR1	1	UG/L	U	V1	0.26	1		Plume Definition
P219189	10/9/01	GW07793RG	STYRENE	REAL	TR1	1	UG/L	U	V1	0.27	1	100	Plume Definition
P219189	10/9/01	GW07793RG	tert-BUTYLBENZENE	REAL	TR1	1	UG/L	U	V1	0.29	1		Plume Definition
P219189	10/9/01	GW07793RG	TETRACHLOROETHENE	REAL	TR1	1	UG/L	U	V1	0.36	1	5	Plume Definition
P219189	10/9/01	GW07793RG	TOLUENE	REAL	TR1	1	UG/L	U	V1	0.29	1	1000	Plume Definition
P219189	10/9/01	GW07793RG	TOTAL XYLENES	REAL	TR1	1	UG/L	U	V1	0.95	1	10000	Plume Definition
P219189	10/9/01	GW07793RG	trans-1,2-DICHLOROETHENE	REAL	TR1	0.5	UG/L	U	V1	0.27	1	70	Plume Definition
P219189	10/9/01	GW07793RG	trans-1,3-DICHLOROPROPENE	REAL	TR1	1	UG/L	U	V1	0.42	1	0.473	Plume Definition
P219189	10/9/01	GW07793RG	TRICHLOROETHENE	REAL	TR1	0.3	UG/L	J	V1	0.22	1	5	Plume Definition
P219189	10/9/01	GW07793RG	TRICHLOROFLUOROMETHANE	REAL	TR1	1	UG/L	U	V1	0.28	1		Plume Definition
P219189	10/9/01	GW07793RG	VINYL CHLORIDE	REAL	TR1	1	UG/L	U	V1	0.21	1	2	Plume Definition
P219489	10/8/01	GW07794RG	1,1,1,2-TETRACHLOROETHANE	REAL	TR1	1	UG/L	U	V1	0.22	1		Plume Extent
P219489	10/8/01	GW07794RG	1,1,1-TRICHLOROETHANE	REAL	TR1	1	UG/L	U	V1	0.26	1	200	Plume Extent
P219489	10/8/01	GW07794RG	1,1,2,2-TETRACHLOROETHANE	REAL	TR1	1	UG/L	U	V1	0.31	1	0.426	Plume Extent
P219489	10/8/01	GW07794RG	1,1,2-TRICHLOROETHANE	REAL	TR1	1	UG/L	U	V1	0.39	1	5	Plume Extent
P219489	10/8/01	GW07794RG	1,1,2-TRICHLOROTRIFLUOROETHANE	REAL	TR1	1	UG/L	U	V1	0.21	1		Plume Extent
P219489	10/8/01	GW07794RG	1,1-DICHLOROETHANE	REAL	TR1	1	UG/L	U	V1	0.17	1	3650	Plume Extent
P219489	10/8/01	GW07794RG	1,1-DICHLOROETHENE	REAL	TR1	1	UG/L	U	V1	0.2	1	7	Plume Extent
P219489	10/8/01	GW07794RG	1,1-DICHLOROPROPENE	REAL	TR1	1	UG/L	U	V1	0.22	1		Plume Extent

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Appendix A: Groundwater Analytical Data - Dissolved Gasses and Volatile Organic Compounds Fourth Quarter 2001

Location	Sample Date	Sample #	Analyte	QC Type	Result Type	Result	Units	Lab Qual	Valid-ation	Detect Limit	Dilu-tion	Tier II	IMP Well Class
P219489	10/8/01	GW07794RG	1,2,3-TRICHLOROBENZENE	REAL	TR1	1	UG/L	U	V1	0.16	1		Plume Extent
P219489	10/8/01	GW07794RG	1,2,3-TRICHLOROPROPANE	REAL	TR1	1	UG/L	U	V1	0.29	1		Plume Extent
P219489	10/8/01	GW07794RG	1,2,4-TRICHLOROBENZENE	REAL	TR1	1	UG/L	U	V1	0.2	1	70	Plume Extent
P219489	10/8/01	GW07794RG	1,2-DIBROMOETHANE	REAL	TR1	1	UG/L	U	V1	0.36	1		Plume Extent
P219489	10/8/01	GW07794RG	1,2-DICHLOROBENZENE	REAL	TR1	1	UG/L	U	V1	0.24	1	600	Plume Extent
P219489	10/8/01	GW07794RG	1,2-DICHLOROETHANE	REAL	TR1	1	UG/L	U	V1	0.28	1	5	Plume Extent
P219489	10/8/01	GW07794RG	1,2-DICHLOROPROPANE	REAL	TR1	1	UG/L	U	V1	0.21	1	5	Plume Extent
P219489	10/8/01	GW07794RG	1,3-DICHLOROBENZENE	REAL	TR1	1	UG/L	U	V1	0.26	1	600	Plume Extent
P219489	10/8/01	GW07794RG	1,3-DICHLOROPROPANE	REAL	TR1	1	UG/L	U	V1	0.26	1		Plume Extent
P219489	10/8/01	GW07794RG	1,4-DICHLOROBENZENE	REAL	TR1	1	UG/L	U	V1	0.24	1	75	Plume Extent
P219489	10/8/01	GW07794RG	2,2-DICHLOROPROPANE	REAL	TR1	1	UG/L	U	V1	0.21	1		Plume Extent
P219489	10/8/01	GW07794RG	2-BUTANONE	REAL	TR1	5	UG/L	U	V1	0.93	1	21900	Plume Extent
P219489	10/8/01	GW07794RG	2-HEXANONE	REAL	TR1	5	UG/L	U	UJ1	0.7	1		Plume Extent
P219489	10/8/01	GW07794RG	4-ISOPROPYLTOLUENE	REAL	TR1	1	UG/L	U	V1	0.3	1		Plume Extent
P219489	10/8/01	GW07794RG	4-METHYL-2-PENTANONE	REAL	TR1	5	UG/L	U	UJ1	0.79	1	2920	Plume Extent
P219489	10/8/01	GW07794RG	ACETONE	REAL	TR1	10	UG/L	U	UJ1	1.9	1	3650	Plume Extent
P219489	10/8/01	GW07794RG	BENZENE	REAL	TR1	1	UG/L	U	V1	0.21	1	5	Plume Extent
P219489	10/8/01	GW07794RG	BENZENE, 1,2,4-TRIMETHYL	REAL	TR1	1	UG/L	U	V1	0.22	1		Plume Extent
P219489	10/8/01	GW07794RG	BENZENE, 1,3,5-TRIMETHYL-	REAL	TR1	1	UG/L	U	V1	0.29	1		Plume Extent
P219489	10/8/01	GW07794RG	BROMOBENZENE	REAL	TR1	1	UG/L	U	V1	0.24	1		Plume Extent
P219489	10/8/01	GW07794RG	BROMOCHLOROMETHANE	REAL	TR1	1	UG/L	U	V1	0.21	1		Plume Extent
P219489	10/8/01	GW07794RG	BROMODICHLOROMETHANE	REAL	TR1	1	UG/L	U	V1	0.22	1	100	Plume Extent
P219489	10/8/01	GW07794RG	BROMOFORM	REAL	TR1	1	UG/L	U	V1	0.32	1	100	Plume Extent
P219489	10/8/01	GW07794RG	BROMOMETHANE	REAL	TR1	1	UG/L	U	UJ1	0.3	1	51.1	Plume Extent
P219489	10/8/01	GW07794RG	CARBON DISULFIDE	REAL	TR1	1	UG/L	U	V1	0.19	1	3650	Plume Extent
P219489	10/8/01	GW07794RG	CARBON TETRACHLORIDE	REAL	TR1	1	UG/L	U	V1	0.19	1	5	Plume Extent
P219489	10/8/01	GW07794RG	CHLOROBENZENE	REAL	TR1	0.32	UG/L	J	V1	0.3	1	100	Plume Extent
P219489	10/8/01	GW07794RG	CHLOROETHANE	REAL	TR1	1	UG/L	U	V1	0.25	1	29.4	Plume Extent
P219489	10/8/01	GW07794RG	CHLOROFORM	REAL	TR1	1	UG/L	U	V1	0.23	1	100	Plume Extent
P219489	10/8/01	GW07794RG	CHLOROMETHANE	REAL	TR1	1	UG/L	U	V1	0.3	1	6.55	Plume Extent
P219489	10/8/01	GW07794RG	cis-1,2-DICHLOROETHENE	REAL	TR1	1	UG/L	U	V1	0.26	1	70	Plume Extent
P219489	10/8/01	GW07794RG	cis-1,3-DICHLOROPROPENE	REAL	TR1	1	UG/L	U	V1	0.28	1	0.473	Plume Extent
P219489	10/8/01	GW07794RG	DIBROMOCHLOROMETHANE	REAL	TR1	1	UG/L	U	V1	0.38	1	1.01	Plume Extent
P219489	10/8/01	GW07794RG	DIBROMOMETHANE	REAL	TR1	1	UG/L	U	V1	0.44	1		Plume Extent
P219489	10/8/01	GW07794RG	DICHLORODIFLUOROMETHANE	REAL	TR1	1	UG/L	U	V1	0.23	1		Plume Extent
P219489	10/8/01	GW07794RG	ETHYLBENZENE	REAL	TR1	1	UG/L	U	V1	0.28	1	700	Plume Extent
P219489	10/8/01	GW07794RG	HEXACHLOROBUTADIENE	REAL	TR1	1	UG/L	U	V1	0.29	1	1.09	Plume Extent
P219489	10/8/01	GW07794RG	ISOPROPYLBENZENE	REAL	TR1	1	UG/L	U	V1	0.31	1		Plume Extent
P219489	10/8/01	GW07794RG	METHYLENE CHLORIDE	REAL	TR1	1	UG/L	U	V1	0.89	1	5	Plume Extent
P219489	10/8/01	GW07794RG	NAPHTHALENE	REAL	TR1	1	UG/L	U	UJ1	0.15	1	1460	Plume Extent
P219489	10/8/01	GW07794RG	n-BUTYLBENZENE	REAL	TR1	1	UG/L	U	V1	0.26	1		Plume Extent
P219489	10/8/01	GW07794RG	n-PROPYLBENZENE	REAL	TR1	1	UG/L	U	V1	0.23	1		Plume Extent
P219489	10/8/01	GW07794RG	o-CHLOROTOLUENE	REAL	TR1	1	UG/L	U	V1	0.31	1		Plume Extent
P219489	10/8/01	GW07794RG	p-CHLOROTOLUENE	REAL	TR1	1	UG/L	U	V1	0.25	1		Plume Extent
P219489	10/8/01	GW07794RG	PROPANE, 1,2-DIBROMO-3-CHLORO-	REAL	TR1	1	UG/L	U	V1	0.25	1	0.2	Plume Extent
P219489	10/8/01	GW07794RG	sec-BUTYLBENZENE	REAL	TR1	1	UG/L	U	V1	0.26	1		Plume Extent
P219489	10/8/01	GW07794RG	STYRENE	REAL	TR1	1	UG/L	U	V1	0.27	1	100	Plume Extent
P219489	10/8/01	GW07794RG	tert-BUTYLBENZENE	REAL	TR1	1	UG/L	U	V1	0.29	1		Plume Extent
P219489	10/8/01	GW07794RG	TETRACHLOROETHENE	REAL	TR1	1	UG/L	U	V1	0.36	1	5	Plume Extent
P219489	10/8/01	GW07794RG	TOLUENE	REAL	TR1	1	UG/L	U	V1	0.29	1	1000	Plume Extent
P219489	10/8/01	GW07794RG	TOTAL XYLENES	REAL	TR1	1	UG/L	U	V1	0.95	1	10000	Plume Extent
P219489	10/8/01	GW07794RG	trans-1,2-DICHLOROETHENE	REAL	TR1	0.5	UG/L	U	V1	0.27	1	70	Plume Extent
P219489	10/8/01	GW07794RG	trans-1,3-DICHLOROPROPENE	REAL	TR1	1	UG/L	U	V1	0.42	1	0.473	Plume Extent
P219489	10/8/01	GW07794RG	TRICHLOROETHENE	REAL	TR1	1	UG/L	U	V1	0.22	1	5	Plume Extent
P219489	10/8/01	GW07794RG	TRICHLOROFLUOROMETHANE	REAL	TR1	1	UG/L	U	V1	0.28	1		Plume Extent
P219489	10/8/01	GW07794RG	VINYL CHLORIDE	REAL	TR1	1	UG/L	U	V1	0.21	1	2	Plume Extent

Appendix A: Groundwater Analytical Data - Dissolved Gasses and Volatile Organic Compounds Fourth Quarter 2001

Location	Sample Date	Sample #	Analyte	QC Type	Result Type	Result	Units	Lab Qual	Validation	Detection Limit	Dilution	Tier II	IMP Well Class
P416689	12/4/01	GW07795RG	1,1,1,2-TETRACHLOROETHANE	REAL	TR1	1	UG/L	U	V1	0.22	1		Plume Extent
P416689	12/4/01	GW07795RG	1,1,1-TRICHLOROETHANE	REAL	TR1	1	UG/L	U	V1	0.26	1	200	Plume Extent
P416689	12/4/01	GW07795RG	1,1,2,2-TETRACHLOROETHANE	REAL	TR1	1	UG/L	U	V1	0.31	1	0.426	Plume Extent
P416689	12/4/01	GW07795RG	1,1,2-TRICHLOROETHANE	REAL	TR1	1	UG/L	U	V1	0.39	1	5	Plume Extent
P416689	12/4/01	GW07795RG	1,1,2-TRICHLOROTRIFLUOROETHANE	REAL	TR1	1	UG/L	U	V1	0.21	1		Plume Extent
P416689	12/4/01	GW07795RG	1,1-DICHLOROETHANE	REAL	TR1	1	UG/L	U	V1	0.17	1	3650	Plume Extent
P416689	12/4/01	GW07795RG	1,1-DICHLOROETHENE	REAL	TR1	0.66	UG/L	J	V1	0.2	1	7	Plume Extent
P416689	12/4/01	GW07795RG	1,1-DICHLOROPROPENE	REAL	TR1	1	UG/L	U	V1	0.22	1		Plume Extent
P416689	12/4/01	GW07795RG	1,2,3-TRICHLOROBENZENE	REAL	TR1	1	UG/L	U	V1	0.16	1		Plume Extent
P416689	12/4/01	GW07795RG	1,2,3-TRICHLOROPROPANE	REAL	TR1	1	UG/L	U	V1	0.29	1		Plume Extent
P416689	12/4/01	GW07795RG	1,2,4-TRICHLOROBENZENE	REAL	TR1	1	UG/L	U	V1	0.2	1	70	Plume Extent
P416689	12/4/01	GW07795RG	1,2-DIBROMOETHANE	REAL	TR1	1	UG/L	U	V1	0.36	1		Plume Extent
P416689	12/4/01	GW07795RG	1,2-DICHLOROBENZENE	REAL	TR1	1	UG/L	U	V1	0.24	1	600	Plume Extent
P416689	12/4/01	GW07795RG	1,2-DICHLOROETHANE	REAL	TR1	1	UG/L	U	V1	0.28	1	5	Plume Extent
P416689	12/4/01	GW07795RG	1,2-DICHLOROPROPANE	REAL	TR1	1	UG/L	U	V1	0.21	1	5	Plume Extent
P416689	12/4/01	GW07795RG	1,3-DICHLOROBENZENE	REAL	TR1	1	UG/L	U	V1	0.26	1	600	Plume Extent
P416689	12/4/01	GW07795RG	1,3-DICHLOROPROPANE	REAL	TR1	1	UG/L	U	V1	0.26	1		Plume Extent
P416689	12/4/01	GW07795RG	1,4-DICHLOROBENZENE	REAL	TR1	1	UG/L	U	V1	0.24	1	75	Plume Extent
P416689	12/4/01	GW07795RG	2,2-DICHLOROPROPANE	REAL	TR1	1	UG/L	U	V1	0.21	1		Plume Extent
P416689	12/4/01	GW07795RG	2-BUTANONE	REAL	TR1	5	UG/L	U	V1	0.93	1	21900	Plume Extent
P416689	12/4/01	GW07795RG	2-HEXANONE	REAL	TR1	5	UG/L	U	V1	0.7	1		Plume Extent
P416689	12/4/01	GW07795RG	4-ISOPROPYLTOLUENE	REAL	TR1	1	UG/L	U	V1	0.3	1		Plume Extent
P416689	12/4/01	GW07795RG	4-METHYL-2-PENTANONE	REAL	TR1	5	UG/L	U	V1	0.79	1	2920	Plume Extent
P416689	12/4/01	GW07795RG	ACETONE	REAL	TR1	10	UG/L	U	UJ1	1.9	1	3650	Plume Extent
P416689	12/4/01	GW07795RG	BENZENE	REAL	TR1	1	UG/L	U	V1	0.21	1	5	Plume Extent
P416689	12/4/01	GW07795RG	BENZENE, 1,2,4-TRIMETHYL	REAL	TR1	1	UG/L	U	V1	0.22	1		Plume Extent
P416689	12/4/01	GW07795RG	BENZENE, 1,3,5-TRIMETHYL	REAL	TR1	1	UG/L	U	V1	0.29	1		Plume Extent
P416689	12/4/01	GW07795RG	BROMOBENZENE	REAL	TR1	1	UG/L	U	V1	0.24	1		Plume Extent
P416689	12/4/01	GW07795RG	BROMOCHLOROMETHANE	REAL	TR1	1	UG/L	U	V1	0.21	1		Plume Extent
P416689	12/4/01	GW07795RG	BROMODICHLOROMETHANE	REAL	TR1	1	UG/L	U	V1	0.22	1	100	Plume Extent
P416689	12/4/01	GW07795RG	BROMOFORM	REAL	TR1	1	UG/L	U	V1	0.32	1	100	Plume Extent
P416689	12/4/01	GW07795RG	BROMOMETHANE	REAL	TR1	1	UG/L	U	V1	0.3	1	51.1	Plume Extent
P416689	12/4/01	GW07795RG	CARBON DISULFIDE	REAL	TR1	1	UG/L	U	V1	0.19	1	3650	Plume Extent
P416689	12/4/01	GW07795RG	CARBON TETRACHLORIDE	REAL	TR1	1	UG/L	U	V1	0.19	1	5	Plume Extent
P416689	12/4/01	GW07795RG	CHLOROBENZENE	REAL	TR1	1	UG/L	U	V1	0.3	1	100	Plume Extent
P416689	12/4/01	GW07795RG	CHLOROETHANE	REAL	TR1	1	UG/L	U	V1	0.25	1	29.4	Plume Extent
P416689	12/4/01	GW07795RG	CHLOROFORM	REAL	TR1	1	UG/L	U	V1	0.23	1	100	Plume Extent
P416689	12/4/01	GW07795RG	CHLOROMETHANE	REAL	TR1	1	UG/L	U	V1	0.3	1	6.55	Plume Extent
P416689	12/4/01	GW07795RG	cis-1,2-DICHLOROETHENE	REAL	TR1	1	UG/L	U	V1	0.26	1	70	Plume Extent
P416689	12/4/01	GW07795RG	cis-1,3-DICHLOROPROPENE	REAL	TR1	1	UG/L	U	V1	0.28	1	0.473	Plume Extent
P416689	12/4/01	GW07795RG	DIBROMOCHLOROMETHANE	REAL	TR1	1	UG/L	U	V1	0.38	1	1.01	Plume Extent
P416689	12/4/01	GW07795RG	DIBROMOMETHANE	REAL	TR1	1	UG/L	U	V1	0.44	1		Plume Extent
P416689	12/4/01	GW07795RG	DICHLORODIFLUOROMETHANE	REAL	TR1	1	UG/L	U	V1	0.23	1		Plume Extent
P416689	12/4/01	GW07795RG	ETHYLBENZENE	REAL	TR1	1	UG/L	U	V1	0.28	1	700	Plume Extent
P416689	12/4/01	GW07795RG	HEXACHLOROBUTADIENE	REAL	TR1	1	UG/L	U	V1	0.29	1	1.09	Plume Extent
P416689	12/4/01	GW07795RG	ISOPROPYLBENZENE	REAL	TR1	1	UG/L	U	V1	0.31	1		Plume Extent
P416689	12/4/01	GW07795RG	METHYLENE CHLORIDE	REAL	TR1	1	UG/L	U	V1	0.89	1	5	Plume Extent
P416689	12/4/01	GW07795RG	NAPHTHALENE	REAL	TR1	1	UG/L	U	V1	0.15	1	1460	Plume Extent
P416689	12/4/01	GW07795RG	n-BUTYLBENZENE	REAL	TR1	1	UG/L	U	V1	0.26	1		Plume Extent
P416689	12/4/01	GW07795RG	n-PROPYLBENZENE	REAL	TR1	1	UG/L	U	V1	0.23	1		Plume Extent
P416689	12/4/01	GW07795RG	o-CHLOROTOLUENE	REAL	TR1	1	UG/L	U	V1	0.31	1		Plume Extent
P416689	12/4/01	GW07795RG	p-CHLOROTOLUENE	REAL	TR1	1	UG/L	U	V1	0.25	1		Plume Extent
P416689	12/4/01	GW07795RG	PROPANE, 1,2-DIBROMO-3-CHLORO-	REAL	TR1	1	UG/L	U	V1	0.25	1	0.2	Plume Extent
P416689	12/4/01	GW07795RG	sec-BUTYLBENZENE	REAL	TR1	1	UG/L	U	V1	0.26	1		Plume Extent
P416689	12/4/01	GW07795RG	STYRENE	REAL	TR1	1	UG/L	U	V1	0.27	1	100	Plume Extent
P416689	12/4/01	GW07795RG	tert-BUTYLBENZENE	REAL	TR1	1	UG/L	U	V1	0.29	1		Plume Extent

Appendix A: Groundwater Analytical Data - Dissolved Gasses and Volatile Organic Compounds Fourth Quarter 2001

Location	Sample Date	Sample #	Analyte	QC Type	Result Type	Result	Units	Lab Qual	Valid-ation	Detect Limit	Dilution	Tier II	IMP Well Class
P416689	12/4/01	GW07795RG	TETRACHLOROETHENE	REAL	TR1	1.6	UG/L		V1	0.36	1	5	Plume Extent
P416689	12/4/01	GW07795RG	TOLUENE	REAL	TR1	1	UG/L	U	V1	0.29	1	1000	Plume Extent
P416689	12/4/01	GW07795RG	TOTAL XYLENES	REAL	TR1	1	UG/L	U	V1	0.95	1	10000	Plume Extent
P416689	12/4/01	GW07795RG	trans-1,2-DICHLOROETHENE	REAL	TR1	0.5	UG/L	U	V1	0.27	1	70	Plume Extent
P416689	12/4/01	GW07795RG	trans-1,3-DICHLOROPROPENE	REAL	TR1	1	UG/L	U	V1	0.42	1	0.473	Plume Extent
P416689	12/4/01	GW07795RG	TRICHLOROETHENE	REAL	TR1	1.8	UG/L		V1	0.22	1	5	Plume Extent
P416689	12/4/01	GW07795RG	TRICHLOROFLUOROMETHANE	REAL	TR1	1	UG/L	U	V1	0.28	1		Plume Extent
P416689	12/4/01	GW07795RG	VINYL CHLORIDE	REAL	TR1	1	UG/L	U	V1	0.21	1	2	Plume Extent
P416789	10/25/01	GW07796RG	1,1,1,2-TETRACHLOROETHANE	REAL	TR1	1	UG/L	U	V1	0.22	1		Plume Definition
P416789	10/25/01	GW07796RG	1,1,1-TRICHLOROETHANE	REAL	TR1	1	UG/L	U	V1	0.26	1	200	Plume Definition
P416789	10/25/01	GW07796RG	1,1,2,2-TETRACHLOROETHANE	REAL	TR1	1	UG/L	U	V1	0.31	1	0.426	Plume Definition
P416789	10/25/01	GW07796RG	1,1,2-TRICHLOROETHANE	REAL	TR1	1	UG/L	U	V1	0.39	1	5	Plume Definition
P416789	10/25/01	GW07796RG	1,1,2-TRICHLOROTRIFLUOROETHANE	REAL	TR1	1.1	UG/L		V1	0.21	1		Plume Definition
P416789	10/25/01	GW07796RG	1,1-DICHLOROETHANE	REAL	TR1	1	UG/L	U	V1	0.17	1	3650	Plume Definition
P416789	10/25/01	GW07796RG	1,1-DICHLOROETHENE	REAL	TR1	1	UG/L	U	V1	0.2	1	7	Plume Definition
P416789	10/25/01	GW07796RG	1,1-DICHLOROPROPENE	REAL	TR1	1	UG/L	U	V1	0.22	1		Plume Definition
P416789	10/25/01	GW07796RG	1,2,3-TRICHLOROBENZENE	REAL	TR1	1	UG/L	U	UJ1	0.16	1		Plume Definition
P416789	10/25/01	GW07796RG	1,2,3-TRICHLOROPROPANE	REAL	TR1	1	UG/L	U	V1	0.29	1		Plume Definition
P416789	10/25/01	GW07796RG	1,2,4-TRICHLOROBENZENE	REAL	TR1	1	UG/L	U	UJ1	0.2	1	70	Plume Definition
P416789	10/25/01	GW07796RG	1,2-DIBROMOETHANE	REAL	TR1	1	UG/L	U	V1	0.36	1		Plume Definition
P416789	10/25/01	GW07796RG	1,2-DICHLOROBENZENE	REAL	TR1	1	UG/L	U	UJ1	0.24	1	600	Plume Definition
P416789	10/25/01	GW07796RG	1,2-DICHLOROETHANE	REAL	TR1	1	UG/L	U	V1	0.28	1	5	Plume Definition
P416789	10/25/01	GW07796RG	1,2-DICHLOROPROPANE	REAL	TR1	1	UG/L	U	V1	0.21	1	5	Plume Definition
P416789	10/25/01	GW07796RG	1,3-DICHLOROBENZENE	REAL	TR1	1	UG/L	U	UJ1	0.26	1	600	Plume Definition
P416789	10/25/01	GW07796RG	1,3-DICHLOROPROPANE	REAL	TR1	1	UG/L	U	V1	0.26	1		Plume Definition
P416789	10/25/01	GW07796RG	1,4-DICHLOROBENZENE	REAL	TR1	1	UG/L	U	UJ1	0.24	1	75	Plume Definition
P416789	10/25/01	GW07796RG	2,2-DICHLOROPROPANE	REAL	TR1	1	UG/L	U	V1	0.21	1		Plume Definition
P416789	10/25/01	GW07796RG	2-BUTANONE	REAL	TR1	5	UG/L	U	V1	0.93	1	21900	Plume Definition
P416789	10/25/01	GW07796RG	2-HEXANONE	REAL	TR1	5	UG/L	U	V1	0.7	1		Plume Definition
P416789	10/25/01	GW07796RG	4-ISOPROPYLTOLUENE	REAL	TR1	1	UG/L	U	UJ1	0.3	1		Plume Definition
P416789	10/25/01	GW07796RG	4-METHYL-2-PENTANONE	REAL	TR1	5	UG/L	U	V1	0.79	1	2920	Plume Definition
P416789	10/25/01	GW07796RG	ACETONE	REAL	TR1	10	UG/L	U	V1	1.9	1	3650	Plume Definition
P416789	10/25/01	GW07796RG	BENZENE	REAL	TR1	1	UG/L	U	UJ1	0.21	1	5	Plume Definition
P416789	10/25/01	GW07796RG	BENZENE, 1,2,4-TRIMETHYL	REAL	TR1	1	UG/L	U	UJ1	0.22	1		Plume Definition
P416789	10/25/01	GW07796RG	BENZENE, 1,3,5-TRIMETHYL-	REAL	TR1	1	UG/L	U	UJ1	0.29	1		Plume Definition
P416789	10/25/01	GW07796RG	BROMOBENZENE	REAL	TR1	1	UG/L	U	UJ1	0.24	1		Plume Definition
P416789	10/25/01	GW07796RG	BROMOCHLOROMETHANE	REAL	TR1	1	UG/L	U	V1	0.21	1		Plume Definition
P416789	10/25/01	GW07796RG	BROMODICHLOROMETHANE	REAL	TR1	1	UG/L	U	V1	0.22	1	100	Plume Definition
P416789	10/25/01	GW07796RG	BROMOFORM	REAL	TR1	1	UG/L	U	V1	0.32	1	100	Plume Definition
P416789	10/25/01	GW07796RG	BROMOMETHANE	REAL	TR1	1	UG/L	U	UJ1	0.3	1	51.1	Plume Definition
P416789	10/25/01	GW07796RG	CARBON DISULFIDE	REAL	TR1	1	UG/L	U	V1	0.19	1	3650	Plume Definition
P416789	10/25/01	GW07796RG	CARBON TETRACHLORIDE	REAL	TR1	1	UG/L	U	V1	0.19	1	5	Plume Definition
P416789	10/25/01	GW07796RG	CHLOROBENZENE	REAL	TR1	1	UG/L	U	UJ1	0.3	1	100	Plume Definition
P416789	10/25/01	GW07796RG	CHLOROETHANE	REAL	TR1	1	UG/L	U	V1	0.25	1	29.4	Plume Definition
P416789	10/25/01	GW07796RG	CHLOROFORM	REAL	TR1	1	UG/L	U	V1	0.23	1	100	Plume Definition
P416789	10/25/01	GW07796RG	CHLOROMETHANE	REAL	TR1	1	UG/L	U	V1	0.3	1	6.55	Plume Definition
P416789	10/25/01	GW07796RG	cis-1,2-DICHLOROETHENE	REAL	TR1	0.33	UG/L	J	V1	0.26	1	70	Plume Definition
P416789	10/25/01	GW07796RG	cis-1,3-DICHLOROPROPENE	REAL	TR1	1	UG/L	U	V1	0.28	1	0.473	Plume Definition
P416789	10/25/01	GW07796RG	DIBROMOCHLOROMETHANE	REAL	TR1	1	UG/L	U	V1	0.38	1	1.01	Plume Definition
P416789	10/25/01	GW07796RG	DIBROMOMETHANE	REAL	TR1	1	UG/L	U	V1	0.44	1		Plume Definition
P416789	10/25/01	GW07796RG	DICHLORODIFLUOROMETHANE	REAL	TR1	1	UG/L	U	V1	0.23	1		Plume Definition
P416789	10/25/01	GW07796RG	ETHYLBENZENE	REAL	TR1	1	UG/L	U	UJ1	0.28	1	700	Plume Definition
P416789	10/25/01	GW07796RG	HEXACHLOROBUTADIENE	REAL	TR1	1	UG/L	U	V1	0.29	1	1.09	Plume Definition
P416789	10/25/01	GW07796RG	ISOPROPYLBENZENE	REAL	TR1	1	UG/L	U	UJ1	0.31	1		Plume Definition
P416789	10/25/01	GW07796RG	METHYLENE CHLORIDE	REAL	TR1	1	UG/L	U	V1	0.89	1	5	Plume Definition
P416789	10/25/01	GW07796RG	NAPHTHALENE	REAL	TR1	1	UG/L	U	UJ1	0.15	1	1460	Plume Definition

(TIC) = Tentatively Identified Compound



Appendix A: Groundwater Analytical Data - Dissolved Gasses and Volatile Organic Compounds Fourth Quarter 2001

Location	Sample Date	Sample #	Analyte	QC Type	Result Type	Result	Units	Lab Qual	Valid-ation	Detect Limit	Dilu-tion	Tier II	IMP Well Class
P416789	10/25/01	GW07796RG	n-BUTYLBENZENE	REAL	TR1	1	UG/L	U	UJ1	0.26	1		Plume Definition
P416789	10/25/01	GW07796RG	n-PROPYLBENZENE	REAL	TR1	1	UG/L	U	UJ1	0.23	1		Plume Definition
P416789	10/25/01	GW07796RG	o-CHLOROTOLUENE	REAL	TR1	1	UG/L	U	UJ1	0.31	1		Plume Definition
P416789	10/25/01	GW07796RG	p-CHLOROTOLUENE	REAL	TR1	1	UG/L	U	UJ1	0.25	1		Plume Definition
P416789	10/25/01	GW07796RG	PROPANE, 1,2-DIBROMO-3-(CHLORO-	REAL	TR1	1	UG/L	U	V1	0.25	1	0.2	Plume Definition
P416789	10/25/01	GW07796RG	sec-BUTYLBENZENE	REAL	TR1	1	UG/L	U	UJ1	0.26	1		Plume Definition
P416789	10/25/01	GW07796RG	STYRENE	REAL	TR1	1	UG/L	U	UJ1	0.27	1	100	Plume Definition
P416789	10/25/01	GW07796RG	tert-BUTYLBENZENE	REAL	TR1	1	UG/L	U	UJ1	0.29	1		Plume Definition
P416789	10/25/01	GW07796RG	TETRACHLOROETHENE	REAL	TR1	1	UG/L	U	V1	0.36	1	5	Plume Definition
P416789	10/25/01	GW07796RG	TOLUENE	REAL	TR1	1	UG/L	U	UJ1	0.29	1	1000	Plume Definition
P416789	10/25/01	GW07796RG	TOTAL XYLENES	REAL	TR1	1	UG/L	U	UJ1	0.95	1	10000	Plume Definition
P416789	10/25/01	GW07796RG	trans-1,2-DICHLOROETHENE	REAL	TR1	0.5	UG/L	U	V1	0.27	1	70	Plume Definition
P416789	10/25/01	GW07796RG	trans-1,3-DICHLOROPROPENE	REAL	TR1	1	UG/L	U	V1	0.42	1	0.473	Plume Definition
P416789	10/25/01	GW07796RG	TRICHLOROETHENE	REAL	TR1	0.55	UG/L	J	V1	0.22	1	5	Plume Definition
P416789	10/25/01	GW07796RG	TRICHLOROFLUOROMETHANE	REAL	TR1	1	UG/L	U	V1	0.28	1		Plume Definition
P416789	10/25/01	GW07796RG	VINYL CHLORIDE	REAL	TR1	1	UG/L	U	V1	0.21	1	2	Plume Definition
P416889	11/13/01	GW07797RG	1,1,1,2-TETRACHLOROETHANE	REAL	TR1	1	UG/L	U	V1	0.22	1		Plume Definition
P416889	11/13/01	GW07797RG	1,1,1-TRICHLOROETHANE	REAL	TR1	1	UG/L	U	V1	0.26	1	200	Plume Definition
P416889	11/13/01	GW07797RG	1,1,2,2-TETRACHLOROETHANE	REAL	TR1	1	UG/L	U	V1	0.31	1	0.426	Plume Definition
P416889	11/13/01	GW07797RG	1,1,2-TRICHLOROETHANE	REAL	TR1	1	UG/L	U	V1	0.39	1	5	Plume Definition
P416889	11/13/01	GW07797RG	1,1,2-TRICHLOROTRIFLUOROETHANE	REAL	RX1	380	UG/L		V1	2.8	13.3		Plume Definition
P416889	11/13/01	GW07797RG	1,1-DICHLOROETHANE	REAL	TR1	0.47	UG/L	J	V1	0.17	1	3650	Plume Definition
P416889	11/13/01	GW07797RG	1,1-DICHLOROETHENE	REAL	TR1	1	UG/L	U	V1	0.2	1	7	Plume Definition
P416889	11/13/01	GW07797RG	1,1-DICHLOROPROPENE	REAL	TR1	1	UG/L	U	V1	0.22	1		Plume Definition
P416889	11/13/01	GW07797RG	1,2,3-TRICHLOROBENZENE	REAL	TR1	1	UG/L	U	UJ1	0.16	1		Plume Definition
P416889	11/13/01	GW07797RG	1,2,3-TRICHLOROPROPANE	REAL	TR1	1	UG/L	U	V1	0.29	1		Plume Definition
P416889	11/13/01	GW07797RG	1,2,4-TRICHLOROBENZENE	REAL	TR1	1	UG/L	U	UJ1	0.2	1	70	Plume Definition
P416889	11/13/01	GW07797RG	1,2-DIBROMOETHANE	REAL	TR1	1	UG/L	U	V1	0.36	1		Plume Definition
P416889	11/13/01	GW07797RG	1,2-DICHLOROBENZENE	REAL	TR1	1	UG/L	U	V1	0.24	1	600	Plume Definition
P416889	11/13/01	GW07797RG	1,2-DICHLOROETHANE	REAL	TR1	1	UG/L	U	V1	0.28	1	5	Plume Definition
P416889	11/13/01	GW07797RG	1,2-DICHLOROPROPANE	REAL	TR1	1	UG/L	U	V1	0.21	1	5	Plume Definition
P416889	11/13/01	GW07797RG	1,3-DICHLOROBENZENE	REAL	TR1	1	UG/L	U	V1	0.26	1	600	Plume Definition
P416889	11/13/01	GW07797RG	1,3-DICHLOROPROPANE	REAL	TR1	1	UG/L	U	V1	0.26	1		Plume Definition
P416889	11/13/01	GW07797RG	1,4-DICHLOROBENZENE	REAL	TR1	1	UG/L	U	V1	0.24	1	75	Plume Definition
P416889	11/13/01	GW07797RG	2,2-DICHLOROPROPANE	REAL	TR1	1	UG/L	U	V1	0.21	1		Plume Definition
P416889	11/13/01	GW07797RG	2-BUTANONE	REAL	TR1	5	UG/L	U	V1	0.93	1	21900	Plume Definition
P416889	11/13/01	GW07797RG	2-HEXANONE	REAL	TR1	5	UG/L	U	V1	0.7	1		Plume Definition
P416889	11/13/01	GW07797RG	4-ISOPROPYLTOLUENE	REAL	TR1	1	UG/L	U	V1	0.3	1		Plume Definition
P416889	11/13/01	GW07797RG	4-METHYL-2-PENTANONE	REAL	TR1	5	UG/L	U	V1	0.79	1	2920	Plume Definition
P416889	11/13/01	GW07797RG	ACETONE	REAL	TR1	10	UG/L	U	V1	1.9	1	3650	Plume Definition
P416889	11/13/01	GW07797RG	BENZENE	REAL	TR1	1	UG/L	U	V1	0.21	1	5	Plume Definition
P416889	11/13/01	GW07797RG	BENZENE, 1,2,4-TRIMETHYL	REAL	TR1	1	UG/L	U	V1	0.22	1		Plume Definition
P416889	11/13/01	GW07797RG	BENZENE, 1,3,5-TRIMETHYL	REAL	TR1	1	UG/L	U	V1	0.29	1		Plume Definition
P416889	11/13/01	GW07797RG	BROMOBENZENE	REAL	TR1	1	UG/L	U	V1	0.24	1		Plume Definition
P416889	11/13/01	GW07797RG	BROMOCHLOROMETHANE	REAL	TR1	1	UG/L	U	V1	0.21	1		Plume Definition
P416889	11/13/01	GW07797RG	BROMODICHLOROMETHANE	REAL	TR1	1	UG/L	U	V1	0.22	1	100	Plume Definition
P416889	11/13/01	GW07797RG	BROMOFORM	REAL	TR1	1	UG/L	U	V1	0.32	1	100	Plume Definition
P416889	11/13/01	GW07797RG	BROMOMETHANE	REAL	TR1	1	UG/L	U	V1	0.3	1	51.1	Plume Definition
P416889	11/13/01	GW07797RG	CARBON DISULFIDE	REAL	TR1	1	UG/L	U	V1	0.19	1	3650	Plume Definition
P416889	11/13/01	GW07797RG	CARBON TETRACHLORIDE	REAL	TR1	1	UG/L	U	V1	0.19	1	5	Plume Definition
P416889	11/13/01	GW07797RG	CHLOROBENZENE	REAL	TR1	1	UG/L	U	V1	0.3	1	100	Plume Definition
P416889	11/13/01	GW07797RG	CHLOROETHANE	REAL	TR1	1	UG/L	U	V1	0.25	1	29.4	Plume Definition
P416889	11/13/01	GW07797RG	CHLOROFORM	REAL	TR1	1	UG/L	U	V1	0.23	1	100	Plume Definition
P416889	11/13/01	GW07797RG	CHLOROMETHANE	REAL	TR1	1	UG/L	U	V1	0.3	1	6.55	Plume Definition
P416889	11/13/01	GW07797RG	cis-1,2-DICHLOROETHENE	REAL	TR1	4.2	UG/L		V1	0.26	1	70	Plume Definition
P416889	11/13/01	GW07797RG	cis-1,3-DICHLOROPROPENE	REAL	TR1	1	UG/L	U	V1	0.28	1	0.473	Plume Definition

**Appendix A: Groundwater Analytical Data - Dissolved Gasses and Volatile Organic Compounds Fourth Quarter 2001**

Location	Sample Date	Sample #	Analyte	QC Type	Result Type	Result	Units	Lab Qual	Valid-ation	Detect Limit	Dilu-tion	Tier II	IMP Well Class
P416889	11/13/01	GW07797RG	DIBROMOCHLOROMETHANE	REAL	TR1	1	UG/L	U	V1	0.38	1	1.01	Plume Definition
P416889	11/13/01	GW07797RG	DIBROMOMETHANE	REAL	TR1	1	UG/L	U	V1	0.44	1		Plume Definition
P416889	11/13/01	GW07797RG	DICHLORODIFLUOROMETHANE	REAL	TR1	1	UG/L	U	UJ1	0.23	1		Plume Definition
P416889	11/13/01	GW07797RG	ETHYLBENZENE	REAL	TR1	1	UG/L	U	V1	0.28	1	700	Plume Definition
P416889	11/13/01	GW07797RG	HEXACHLOROBUTADIENE	REAL	TR1	1	UG/L	U	V1	0.29	1	1.09	Plume Definition
P416889	11/13/01	GW07797RG	ISOPROPYLBENZENE	REAL	TR1	1	UG/L	U	V1	0.31	1		Plume Definition
P416889	11/13/01	GW07797RG	METHYLENE CHLORIDE	REAL	TR1	1	UG/L	U	V1	0.89	1	5	Plume Definition
P416889	11/13/01	GW07797RG	NAPHTHALENE	REAL	TR1	1	UG/L	U	UJ1	0.15	1	1460	Plume Definition
P416889	11/13/01	GW07797RG	n-BUTYLBENZENE	REAL	TR1	1	UG/L	U	V1	0.26	1		Plume Definition
P416889	11/13/01	GW07797RG	n-PROPYLBENZENE	REAL	TR1	1	UG/L	U	V1	0.23	1		Plume Definition
P416889	11/13/01	GW07797RG	o-CHLOROTOLUENE	REAL	TR1	1	UG/L	U	V1	0.31	1		Plume Definition
P416889	11/13/01	GW07797RG	p-CHLOROTOLUENE	REAL	TR1	1	UG/L	U	V1	0.25	1		Plume Definition
P416889	11/13/01	GW07797RG	PROPANE, 1,2-DIBROMO-3-CHLORO-	REAL	TR1	1	UG/L	U	V1	0.25	1	0.2	Plume Definition
P416889	11/13/01	GW07797RG	sec-BUTYLBENZENE	REAL	TR1	1	UG/L	U	V1	0.26	1		Plume Definition
P416889	11/13/01	GW07797RG	STYRENE	REAL	TR1	1	UG/L	U	V1	0.27	1	100	Plume Definition
P416889	11/13/01	GW07797RG	tert-BUTYLBENZENE	REAL	TR1	1	UG/L	U	V1	0.29	1		Plume Definition
P416889	11/13/01	GW07797RG	TETRACHLOROETHENE	REAL	TR1	57	UG/L		V1	0.36	1	5	Plume Definition
P416889	11/13/01	GW07797RG	TOLUENE	REAL	TR1	1	UG/L	U	V1	0.29	1	1000	Plume Definition
P416889	11/13/01	GW07797RG	TOTAL XYLENES	REAL	TR1	1	UG/L	U	V1	0.95	1	10000	Plume Definition
P416889	11/13/01	GW07797RG	trans-1,2-DICHLOROETHENE	REAL	TR1	0.5	UG/L	U	V1	0.27	1	70	Plume Definition
P416889	11/13/01	GW07797RG	trans-1,3-DICHLOROPROPENE	REAL	TR1	1	UG/L	U	V1	0.42	1	0.473	Plume Definition
P416889	11/13/01	GW07797RG	TRICHLOROETHENE	REAL	TR1	4.6	UG/L		V1	0.22	1	5	Plume Definition
P416889	11/13/01	GW07797RG	TRICHLOROFLUOROMETHANE	REAL	TR1	1	UG/L	U	V1	0.28	1		Plume Definition
P416889	11/13/01	GW07797RG	VINYL CHLORIDE	REAL	TR1	1	UG/L	U	V1	0.21	1	2	Plume Definition
SW13494	12/12/01	SW07890RG	1,1,1,2-TETRACHLOROETHANE	REAL	TR1	1	UG/L	U	V	0.22	1		Perf Monitoring
SW13494	12/12/01	SW07890RG	1,1,1-TRICHLOROETHANE	REAL	TR1	1	UG/L	U	V	0.26	1	200	Perf Monitoring
SW13494	12/12/01	SW07890RG	1,1,2,2-TETRACHLOROETHANE	REAL	TR1	1	UG/L	U	V	0.31	1	0.426	Perf Monitoring
SW13494	12/12/01	SW07890RG	1,1,2-TRICHLOROETHANE	REAL	TR1	1	UG/L	U	V	0.39	1	5	Perf Monitoring
SW13494	12/12/01	SW07890RG	1,1,2-TRICHLOROTRIFLUOROETHANE	REAL	TR1	0.27	UG/L	J	V	0.21	1		Perf Monitoring
SW13494	12/12/01	SW07890RG	1,1-DICHLOROETHANE	REAL	TR1	1	UG/L	U	V	0.17	1	3650	Perf Monitoring
SW13494	12/12/01	SW07890RG	1,1-DICHLOROETHENE	REAL	TR1	1	UG/L	U	V	0.2	1	7	Perf Monitoring
SW13494	12/12/01	SW07890RG	1,1-DICHLOROPROPENE	REAL	TR1	1	UG/L	U	V	0.22	1		Perf Monitoring
SW13494	12/12/01	SW07890RG	1,2,3-TRICHLOROBENZENE	REAL	TR1	1	UG/L	U	UJ	0.16	1		Perf Monitoring
SW13494	12/12/01	SW07890RG	1,2,3-TRICHLOROPROPANE	REAL	TR1	1	UG/L	U	V	0.29	1		Perf Monitoring
SW13494	12/12/01	SW07890RG	1,2,4-TRICHLOROBENZENE	REAL	TR1	1	UG/L	U	UJ	0.2	1	70	Perf Monitoring
SW13494	12/12/01	SW07890RG	1,2-DIBROMOETHANE	REAL	TR1	1	UG/L	U	V	0.36	1		Perf Monitoring
SW13494	12/12/01	SW07890RG	1,2-DICHLOROBENZENE	REAL	TR1	1	UG/L	U	UJ	0.24	1	600	Perf Monitoring
SW13494	12/12/01	SW07890RG	1,2-DICHLOROETHANE	REAL	TR1	1	UG/L	U	V	0.28	1	5	Perf Monitoring
SW13494	12/12/01	SW07890RG	1,2-DICHLOROPROPANE	REAL	TR1	1	UG/L	U	V	0.21	1	5	Perf Monitoring
SW13494	12/12/01	SW07890RG	1,3-DICHLOROBENZENE	REAL	TR1	1	UG/L	U	UJ	0.26	1	600	Perf Monitoring
SW13494	12/12/01	SW07890RG	1,3-DICHLOROPROPANE	REAL	TR1	1	UG/L	U	V	0.26	1		Perf Monitoring
SW13494	12/12/01	SW07890RG	1,4-DICHLOROBENZENE	REAL	TR1	1	UG/L	U	UJ	0.24	1	75	Perf Monitoring
SW13494	12/12/01	SW07890RG	2,2-DICHLOROPROPANE	REAL	TR1	1	UG/L	U	V	0.21	1		Perf Monitoring
SW13494	12/12/01	SW07890RG	2-BUTANONE	REAL	TR1	5	UG/L	U	V	0.93	1	21900	Perf Monitoring
SW13494	12/12/01	SW07890RG	2-HEXANONE	REAL	TR1	5	UG/L	U	V	0.7	1		Perf Monitoring
SW13494	12/12/01	SW07890RG	3-METHYLHEPTYL ACETATE (TIC)	REAL	TR1	7.3	UG/L	J	V		1		Perf Monitoring
SW13494	12/12/01	SW07890RG	4-ISOPROPYLTOLUENE	REAL	TR1	1	UG/L	U	UJ	0.3	1		Perf Monitoring
SW13494	12/12/01	SW07890RG	4-METHYL-2-PENTANONE	REAL	TR1	5	UG/L	U	V	0.79	1	2920	Perf Monitoring
SW13494	12/12/01	SW07890RG	ACETONE	REAL	TR1	10	UG/L	U	V	1.9	1	3650	Perf Monitoring
SW13494	12/12/01	SW07890RG	BENZENE	REAL	TR1	1	UG/L	U	UJ	0.21	1	5	Perf Monitoring
SW13494	12/12/01	SW07890RG	BENZENE, 1,2,4-TRIMETHYL	REAL	TR1	1	UG/L	U	UJ	0.22	1		Perf Monitoring
SW13494	12/12/01	SW07890RG	BENZENE, 1,3,5-TRIMETHYL-	REAL	TR1	1	UG/L	U	UJ	0.29	1		Perf Monitoring
SW13494	12/12/01	SW07890RG	BROMOBENZENE	REAL	TR1	1	UG/L	U	UJ	0.24	1		Perf Monitoring
SW13494	12/12/01	SW07890RG	BROMOCHLOROMETHANE	REAL	TR1	1	UG/L	U	V	0.21	1		Perf Monitoring
SW13494	12/12/01	SW07890RG	BROMODICHLOROMETHANE	REAL	TR1	1	UG/L	U	V	0.22	1	100	Perf Monitoring
SW13494	12/12/01	SW07890RG	BROMOFORM	REAL	TR1	1	UG/L	U	V	0.32	1	100	Perf Monitoring



Appendix A: Groundwater Analytical Data - Dissolved Gasses and Volatile Organic Compounds Fourth Quarter 2001

Location	Sample Date	Sample #	Analyte	QC Type	Result Type	Result	Units	Lab Qual	Valid-ation	Detect Limit	Dilution	Tier II	IMP Well Class
SW13494	12/12/01	SW07890RG	BROMOMETHANE	REAL	TR1	1	UG/L	U	V	0.3	1	51.1	Perf Monitoring
SW13494	12/12/01	SW07890RG	CARBON DISULFIDE	REAL	TR1	1	UG/L	U	V	0.19	1	3650	Perf Monitoring
SW13494	12/12/01	SW07890RG	CARBON TETRACHLORIDE	REAL	TR1	1	UG/L	U	V	0.19	1	5	Perf Monitoring
SW13494	12/12/01	SW07890RG	CHLOROBENZENE	REAL	TR1	1	UG/L	U	UJ	0.3	1	100	Perf Monitoring
SW13494	12/12/01	SW07890RG	CHLOROETHANE	REAL	TR1	1	UG/L	U	V	0.25	1	29.4	Perf Monitoring
SW13494	12/12/01	SW07890RG	CHLOROFORM	REAL	TR1	1	UG/L	U	V	0.23	1	100	Perf Monitoring
SW13494	12/12/01	SW07890RG	CHLOROMETHANE	REAL	TR1	1	UG/L	U	V	0.3	1	6.55	Perf Monitoring
SW13494	12/12/01	SW07890RG	cis-1,2-DICHLOROETHENE	REAL	TR1	0.98	UG/L	J	V	0.26	1	70	Perf Monitoring
SW13494	12/12/01	SW07890RG	cis-1,3-DICHLOROPROPENE	REAL	TR1	1	UG/L	U	V	0.28	1	0.473	Perf Monitoring
SW13494	12/12/01	SW07890RG	DIBROMOCHLOROMETHANE	REAL	TR1	1	UG/L	U	V	0.38	1	1.01	Perf Monitoring
SW13494	12/12/01	SW07890RG	DIBROMOMETHANE	REAL	TR1	1	UG/L	U	V	0.44	1		Perf Monitoring
SW13494	12/12/01	SW07890RG	DICHLORODIFLUOROMETHANE	REAL	TR1	1	UG/L	U	V	0.23	1		Perf Monitoring
SW13494	12/12/01	SW07890RG	ETHYLBENZENE	REAL	TR1	1	UG/L	U	UJ	0.28	1	700	Perf Monitoring
SW13494	12/12/01	SW07890RG	HEXACHLOROBUTADIENE	REAL	TR1	1	UG/L	U	V	0.29	1	1.09	Perf Monitoring
SW13494	12/12/01	SW07890RG	ISOPROPYLBENZENE	REAL	TR1	1	UG/L	U	UJ	0.31	1		Perf Monitoring
SW13494	12/12/01	SW07890RG	METHYLENE CHLORIDE	REAL	TR1	1	UG/L	U	V	0.89	1	5	Perf Monitoring
SW13494	12/12/01	SW07890RG	NAPHTHALENE	REAL	TR1	1	UG/L	U	UJ	0.15	1	1460	Perf Monitoring
SW13494	12/12/01	SW07890RG	n-BUTYLBENZENE	REAL	TR1	1	UG/L	U	UJ	0.26	1		Perf Monitoring
SW13494	12/12/01	SW07890RG	n-PROPYLBENZENE	REAL	TR1	1	UG/L	U	UJ	0.23	1		Perf Monitoring
SW13494	12/12/01	SW07890RG	o-CHLOROTOLUENE	REAL	TR1	1	UG/L	U	UJ	0.31	1		Perf Monitoring
SW13494	12/12/01	SW07890RG	p-CHLOROTOLUENE	REAL	TR1	1	UG/L	U	UJ	0.25	1		Perf Monitoring
SW13494	12/12/01	SW07890RG	PROPANE, 1,2-DIBROMO-3-CHLORO-	REAL	TR1	1	UG/L	U	V	0.25	1	0.2	Perf Monitoring
SW13494	12/12/01	SW07890RG	sec-BUTYLBENZENE	REAL	TR1	1	UG/L	U	UJ	0.26	1		Perf Monitoring
SW13494	12/12/01	SW07890RG	STYRENE	REAL	TR1	1	UG/L	U	UJ	0.27	1	100	Perf Monitoring
SW13494	12/12/01	SW07890RG	tert-BUTYLBENZENE	REAL	TR1	1	UG/L	U	UJ	0.29	1		Perf Monitoring
SW13494	12/12/01	SW07890RG	TETRACHLOROETHENE	REAL	TR1	27	UG/L		V	0.36	1	5	Perf Monitoring
SW13494	12/12/01	SW07890RG	TOLUENE	REAL	TR1	1	UG/L	U	UJ	0.29	1	1000	Perf Monitoring
SW13494	12/12/01	SW07890RG	TOTAL XYLENES	REAL	TR1	1	UG/L	U	UJ	0.95	1	10000	Perf Monitoring
SW13494	12/12/01	SW07890RG	trans-1,2-DICHLOROETHENE	REAL	TR1	0.5	UG/L	U	V	0.27	1	70	Perf Monitoring
SW13494	12/12/01	SW07890RG	trans-1,3-DICHLOROPROPENE	REAL	TR1	1	UG/L	U	V	0.42	1	0.473	Perf Monitoring
SW13494	12/12/01	SW07890RG	TRICHLOROETHENE	REAL	TR1	2	UG/L		V	0.22	1	5	Perf Monitoring
SW13494	12/12/01	SW07890RG	TRICHLOROFLUOROMETHANE	REAL	TR1	1	UG/L	U	V	0.28	1		Perf Monitoring
SW13494	12/12/01	SW07890RG	VINYL CHLORIDE	REAL	TR1	1	UG/L	U	V	0.21	1	2	Perf Monitoring

Location	Sample Date	Sample #	Analyte	QC Type	Result Type	Result	Units	Lab Qual	Valid- ation	Detect Limit	Dilu- tion	Tier II	IMP Well Class
Polychlorinated Biphenyls - PCBs													
22796	11/14/01	GW07787RG	AROCLOR-1016	REAL	TR1	0.5	UG/L	U	V1	0.098	1	0.5	Plume Extent
22796	11/14/01	GW07787RG	AROCLOR-1221	REAL	TR1	0.5	UG/L	U	V1	0.22	1	0.5	Plume Extent
22796	11/14/01	GW07787RG	AROCLOR-1232	REAL	TR1	0.5	UG/L	U	V1	0.1	1	0.5	Plume Extent
22796	11/14/01	GW07787RG	AROCLOR-1242	REAL	TR1	0.5	UG/L	U	V1	0.12	1	0.5	Plume Extent
22796	11/14/01	GW07787RG	AROCLOR-1248	REAL	TR1	0.5	UG/L	U	V1	0.079	1	0.5	Plume Extent
22796	11/14/01	GW07787RG	AROCLOR-1254	REAL	TR1	0.5	UG/L	U	V1	0.12	1	0.5	Plume Extent
22796	11/14/01	GW07787RG	AROCLOR-1260	REAL	TR1	0.5	UG/L	U	V1	0.18	1	0.5	Plume Extent
37791	12/12/01	GW07884RG	AROCLOR-1016	REAL	TR1	0.5	UG/L	U	V	0.098	1	0.5	D&D Bldg 881
37791	12/12/01	GW07888RG	AROCLOR-1016	DUP	TR1	0.5	UG/L	U	V	0.098	1	0.5	D&D Bldg 881
37791	12/12/01	GW07884RG	AROCLOR-1221	REAL	TR1	0.5	UG/L	U	V	0.22	1	0.5	D&D Bldg 881
37791	12/12/01	GW07888RG	AROCLOR-1221	DUP	TR1	0.5	UG/L	U	V	0.22	1	0.5	D&D Bldg 881
37791	12/12/01	GW07884RG	AROCLOR-1232	REAL	TR1	0.5	UG/L	U	V	0.1	1	0.5	D&D Bldg 881
37791	12/12/01	GW07888RG	AROCLOR-1232	DUP	TR1	0.5	UG/L	U	V	0.1	1	0.5	D&D Bldg 881
37791	12/12/01	GW07884RG	AROCLOR-1242	REAL	TR1	0.5	UG/L	U	V	0.12	1	0.5	D&D Bldg 881
37791	12/12/01	GW07888RG	AROCLOR-1242	DUP	TR1	0.5	UG/L	U	V	0.12	1	0.5	D&D Bldg 881
37791	12/12/01	GW07884RG	AROCLOR-1248	REAL	TR1	0.5	UG/L	U	V	0.079	1	0.5	D&D Bldg 881
37791	12/12/01	GW07888RG	AROCLOR-1248	DUP	TR1	0.5	UG/L	U	V	0.079	1	0.5	D&D Bldg 881
37791	12/12/01	GW07884RG	AROCLOR-1254	REAL	TR1	0.5	UG/L	U	V	0.12	1	0.5	D&D Bldg 881
37791	12/12/01	GW07888RG	AROCLOR-1254	DUP	TR1	0.5	UG/L	U	V	0.12	1	0.5	D&D Bldg 881
37791	12/12/01	GW07884RG	AROCLOR-1260	REAL	TR1	0.5	UG/L	U	V	0.18	1	0.5	D&D Bldg 881
37791	12/12/01	GW07888RG	AROCLOR-1260	DUP	TR1	0.5	UG/L	U	V	0.18	1	0.5	D&D Bldg 881
37791	12/12/01	GW07889RG	AROCLOR-1016	RNS	TR1	0.5	UG/L	U	V	0.098	1	0.5	D&D Bldg 881
37791	12/12/01	GW07889RG	AROCLOR-1221	RNS	TR1	0.5	UG/L	U	V	0.22	1	0.5	D&D Bldg 881
37791	12/12/01	GW07889RG	AROCLOR-1232	RNS	TR1	0.5	UG/L	U	V	0.1	1	0.5	D&D Bldg 881
37791	12/12/01	GW07889RG	AROCLOR-1242	RNS	TR1	0.5	UG/L	U	V	0.12	1	0.5	D&D Bldg 881
37791	12/12/01	GW07889RG	AROCLOR-1248	RNS	TR1	0.5	UG/L	U	V	0.079	1	0.5	D&D Bldg 881
37791	12/12/01	GW07889RG	AROCLOR-1254	RNS	TR1	0.5	UG/L	U	V	0.12	1	0.5	D&D Bldg 881
37791	12/12/01	GW07889RG	AROCLOR-1260	RNS	TR1	0.5	UG/L	U	V	0.18	1	0.5	D&D Bldg 881
55901	12/18/01	GW07871RG	AROCLOR-1016	REAL	TR1	0.5	UG/L	U	V1	0.098	1	0.5	D&D Bldg 559
55901	12/18/01	GW07871RG	AROCLOR-1221	REAL	TR1	0.5	UG/L	U	V1	0.22	1	0.5	D&D Bldg 559
55901	12/18/01	GW07871RG	AROCLOR-1232	REAL	TR1	0.5	UG/L	U	V1	0.1	1	0.5	D&D Bldg 559
55901	12/18/01	GW07871RG	AROCLOR-1242	REAL	TR1	0.5	UG/L	U	V1	0.12	1	0.5	D&D Bldg 559
55901	12/18/01	GW07871RG	AROCLOR-1248	REAL	TR1	0.5	UG/L	U	V1	0.079	1	0.5	D&D Bldg 559
55901	12/18/01	GW07871RG	AROCLOR-1254	REAL	TR1	0.5	UG/L	U	V1	0.12	1	0.5	D&D Bldg 559
55901	12/18/01	GW07871RG	AROCLOR-1260	REAL	TR1	0.5	UG/L	U	V1	0.18	1	0.5	D&D Bldg 559
56201	12/18/01	GW07876RG	AROCLOR-1016	REAL	TR1	0.5	UG/L	U	V1	0.098	1	0.5	D&D Bldg 559
56201	12/18/01	GW07876RG	AROCLOR-1221	REAL	TR1	0.5	UG/L	U	V1	0.22	1	0.5	D&D Bldg 559
56201	12/18/01	GW07876RG	AROCLOR-1232	REAL	TR1	0.5	UG/L	U	V1	0.1	1	0.5	D&D Bldg 559
56201	12/18/01	GW07876RG	AROCLOR-1242	REAL	TR1	0.5	UG/L	U	V1	0.12	1	0.5	D&D Bldg 559
56201	12/18/01	GW07876RG	AROCLOR-1248	REAL	TR1	0.5	UG/L	U	V1	0.079	1	0.5	D&D Bldg 559
56201	12/18/01	GW07876RG	AROCLOR-1254	REAL	TR1	0.5	UG/L	U	V1	0.12	1	0.5	D&D Bldg 559
56201	12/18/01	GW07876RG	AROCLOR-1260	REAL	TR1	0.5	UG/L	U	V1	0.18	1	0.5	D&D Bldg 559
56301	12/14/01	GW07877RG	AROCLOR-1016	REAL	DL1	0.66	UG/L	U	V1	0.13	1.3	0.5	D&D Bldg 559
56301	12/14/01	GW07877RG	AROCLOR-1221	REAL	DL1	0.66	UG/L	U	V1	0.29	1.3	0.5	D&D Bldg 559
56301	12/14/01	GW07877RG	AROCLOR-1232	REAL	DL1	0.66	UG/L	U	V1	0.13	1.3	0.5	D&D Bldg 559
56301	12/14/01	GW07877RG	AROCLOR-1242	REAL	DL1	0.66	UG/L	U	V1	0.16	1.3	0.5	D&D Bldg 559
56301	12/14/01	GW07877RG	AROCLOR-1248	REAL	DL1	0.66	UG/L	U	V1	0.1	1.3	0.5	D&D Bldg 559
56301	12/14/01	GW07877RG	AROCLOR-1254	REAL	DL1	0.66	UG/L	U	V1	0.16	1.3	0.5	D&D Bldg 559
56301	12/14/01	GW07877RG	AROCLOR-1260	REAL	DL1	0.66	UG/L	U	V1	0.23	1.3	0.5	D&D Bldg 559
61099	12/17/01	GW07892RG	AROCLOR-1016	REAL	TR1	0.5	UG/L	U	V1	0.098	1	0.5	D&D Bldg 883
61099	12/17/01	GW07892RG	AROCLOR-1221	REAL	TR1	0.5	UG/L	U	V1	0.22	1	0.5	D&D Bldg 883
61099	12/17/01	GW07892RG	AROCLOR-1232	REAL	TR1	0.5	UG/L	U	V1	0.1	1	0.5	D&D Bldg 883
61099	12/17/01	GW07892RG	AROCLOR-1242	REAL	TR1	0.5	UG/L	U	V1	0.12	1	0.5	D&D Bldg 883
61099	12/17/01	GW07892RG	AROCLOR-1248	REAL	TR1	0.5	UG/L	U	V1	0.079	1	0.5	D&D Bldg 883
61099	12/17/01	GW07892RG	AROCLOR-1254	REAL	TR1	0.5	UG/L	U	V1	0.12	1	0.5	D&D Bldg 883
61099	12/17/01	GW07892RG	AROCLOR-1260	REAL	TR1	0.5	UG/L	U	V1	0.18	1	0.5	D&D Bldg 883

Location	Sample Date	Sample #	Analyte	QC Type	Result Type	Result	Units	Lab Qual	Valid-ation	Detect Limit	Dilu-tion	Tier II	IMP Well Class
61199	12/11/01	GW07891RG	AROCLOR-1016	REAL	TR1	0.5	UG/L	U	V	0.098	1	0.5	D&D Bldg 883
61199	12/11/01	GW07891RG	AROCLOR-1221	REAL	TR1	0.5	UG/L	U	V	0.22	1	0.5	D&D Bldg 883
61199	12/11/01	GW07891RG	AROCLOR-1232	REAL	TR1	0.5	UG/L	U	V	0.1	1	0.5	D&D Bldg 883
61199	12/11/01	GW07891RG	AROCLOR-1242	REAL	TR1	0.5	UG/L	U	V	0.12	1	0.5	D&D Bldg 883
61199	12/11/01	GW07891RG	AROCLOR-1248	REAL	TR1	0.5	UG/L	U	V	0.079	1	0.5	D&D Bldg 883
61199	12/11/01	GW07891RG	AROCLOR-1254	REAL	TR1	0.5	UG/L	U	V	0.12	1	0.5	D&D Bldg 883
61199	12/11/01	GW07891RG	AROCLOR-1260	REAL	TR1	0.5	UG/L	U	V	0.18	1	0.5	D&D Bldg 883
83101	12/10/01	GW07893RG	AROCLOR-1016	REAL	TR1	0.5	UG/L	U	V	0.098	1	0.5	D&D Bldg 883/881
83101	12/10/01	GW07893RG	AROCLOR-1221	REAL	TR1	0.5	UG/L	U	V	0.22	1	0.5	D&D Bldg 883/881
83101	12/10/01	GW07893RG	AROCLOR-1232	REAL	TR1	0.5	UG/L	U	V	0.1	1	0.5	D&D Bldg 883/881
83101	12/10/01	GW07893RG	AROCLOR-1242	REAL	TR1	0.5	UG/L	U	V	0.12	1	0.5	D&D Bldg 883/881
83101	12/10/01	GW07893RG	AROCLOR-1248	REAL	TR1	0.5	UG/L	U	V	0.079	1	0.5	D&D Bldg 883/881
83101	12/10/01	GW07893RG	AROCLOR-1254	REAL	TR1	0.5	UG/L	U	V	0.12	1	0.5	D&D Bldg 883/881
83101	12/10/01	GW07893RG	AROCLOR-1260	REAL	TR1	0.5	UG/L	U	V	0.18	1	0.5	D&D Bldg 883/881
83201	12/17/01	GW07894RG	AROCLOR-1016	REAL	TR1	0.5	UG/L	U	V1	0.098	1	0.5	D&D Bldg 883
83201	12/17/01	GW07894RG	AROCLOR-1221	REAL	TR1	0.5	UG/L	U	V1	0.22	1	0.5	D&D Bldg 883
83201	12/17/01	GW07894RG	AROCLOR-1232	REAL	TR1	0.5	UG/L	U	V1	0.1	1	0.5	D&D Bldg 883
83201	12/17/01	GW07894RG	AROCLOR-1242	REAL	TR1	0.5	UG/L	U	V1	0.12	1	0.5	D&D Bldg 883
83201	12/17/01	GW07894RG	AROCLOR-1248	REAL	TR1	0.5	UG/L	U	V1	0.079	1	0.5	D&D Bldg 883
83201	12/17/01	GW07894RG	AROCLOR-1254	REAL	TR1	0.5	UG/L	U	V1	0.12	1	0.5	D&D Bldg 883
83201	12/17/01	GW07894RG	AROCLOR-1260	REAL	TR1	0.5	UG/L	U	V1	0.18	1	0.5	D&D Bldg 883
FD-559-561	12/13/01	SW07878RG	AROCLOR-1016	REAL	TR1	0.5	UG/L	U	V	0.098	1	0.5	D&D Bldg 559-561
FD-559-561	12/13/01	SW07878RG	AROCLOR-1221	REAL	TR1	0.5	UG/L	U	V	0.22	1	0.5	D&D Bldg 559-561
FD-559-561	12/13/01	SW07878RG	AROCLOR-1232	REAL	TR1	0.5	UG/L	U	V	0.1	1	0.5	D&D Bldg 559-561
FD-559-561	12/13/01	SW07878RG	AROCLOR-1242	REAL	TR1	0.5	UG/L	U	V	0.12	1	0.5	D&D Bldg 559-561
FD-559-561	12/13/01	SW07878RG	AROCLOR-1248	REAL	TR1	0.5	UG/L	U	V	0.079	1	0.5	D&D Bldg 559-561
FD-559-561	12/13/01	SW07878RG	AROCLOR-1254	REAL	TR1	0.5	UG/L	U	V	0.12	1	0.5	D&D Bldg 559-561
FD-559-561	12/13/01	SW07878RG	AROCLOR-1260	REAL	TR1	0.5	UG/L	U	V	0.18	1	0.5	D&D Bldg 559-561
P219089	11/7/01	GW07839RG	AROCLOR-1016	REAL	TR1	0.5	UG/L	U	V1	0.098	1	0.5	D&D Bldg 771
P219089	11/7/01	GW07839RG	AROCLOR-1221	REAL	TR1	0.5	UG/L	U	V1	0.22	1	0.5	D&D Bldg 771
P219089	11/7/01	GW07839RG	AROCLOR-1232	REAL	TR1	0.5	UG/L	U	V1	0.1	1	0.5	D&D Bldg 771
P219089	11/7/01	GW07839RG	AROCLOR-1242	REAL	TR1	0.5	UG/L	U	V1	0.12	1	0.5	D&D Bldg 771
P219089	11/7/01	GW07839RG	AROCLOR-1248	REAL	TR1	0.5	UG/L	U	V1	0.079	1	0.5	D&D Bldg 771
P219089	11/7/01	GW07839RG	AROCLOR-1254	REAL	TR1	0.5	UG/L	U	V1	0.12	1	0.5	D&D Bldg 771
P219089	11/7/01	GW07839RG	AROCLOR-1260	REAL	TR1	0.5	UG/L	U	V1	0.18	1	0.5	D&D Bldg 771
SW13494	12/12/01	SW07890RG	AROCLOR-1016	REAL	TR1	0.5	UG/L	U	V	0.098	1	0.5	Perf Monitoring
SW13494	12/12/01	SW07890RG	AROCLOR-1221	REAL	TR1	0.5	UG/L	U	V	0.22	1	0.5	Perf Monitoring
SW13494	12/12/01	SW07890RG	AROCLOR-1232	REAL	TR1	0.5	UG/L	U	V	0.1	1	0.5	Perf Monitoring
SW13494	12/12/01	SW07890RG	AROCLOR-1242	REAL	TR1	0.5	UG/L	U	V	0.12	1	0.5	Perf Monitoring
SW13494	12/12/01	SW07890RG	AROCLOR-1248	REAL	TR1	0.5	UG/L	U	V	0.079	1	0.5	Perf Monitoring
SW13494	12/12/01	SW07890RG	AROCLOR-1254	REAL	TR1	0.5	UG/L	U	V	0.12	1	0.5	Perf Monitoring
SW13494	12/12/01	SW07890RG	AROCLOR-1260	REAL	TR1	0.5	UG/L	U	V	0.18	1	0.5	Perf Monitoring
Water Quality Parameters - WQPs													
18199	10/29/01	GW07830RG	CHLORIDE	REAL	DL1	79.6	MG/L		V1	0.5	5		Plume Degradation
18399	10/29/01	GW07826RG	CHLORIDE	REAL	DL1	266	MG/L		V1	2	20		Plume Degradation
18499	10/30/01	GW07827RG	CHLORIDE	REAL	DL1	144	MG/L		V1	0.5	5		Plume Degradation
18799	10/30/01	GW07828RG	CHLORIDE	REAL	DL1	251	MG/L		V1	2	20		Plume Degradation
21098	11/1/01	GW07829RG	CHLORIDE	REAL	DL1	209	MG/L		V1	0.5	5		Plume Degradation
1386	11/1/01	GW07812RG	FLUORIDE	REAL	TR1	0.61	MG/L		J	0.03	1	4	Plume Extent
1786	10/16/01	GW07813RG	FLUORIDE	REAL	DL1	0.94	MG/L	B	V1	0.06	2	4	Plume Extent
5887	10/9/01	GW07815RG	FLUORIDE	REAL	TR1	0.31	MG/L	B	V1	0.03	1	4	RCRA
70193	10/11/01	GW07818RG	FLUORIDE	REAL	TR1	0.45	MG/L	B	V1	0.03	1	4	RCRA
70393	10/10/01	GW07819RG	FLUORIDE	REAL	TR1	0.33	MG/L	B	V1	0.03	1	4	RCRA
70493	10/17/01	GW07820RG	FLUORIDE	REAL	TR1	0.75	MG/L		V1	0.03	1	4	RCRA
B206989	10/22/01	GW07821RG	FLUORIDE	REAL	DL1	1	MG/L	U	V1	0.06	2	4	RCRA
B208789	10/10/01	GW07789RG	FLUORIDE	REAL	TR1	0.59	MG/L		V1	0.03	1	4	Plume Extent
P209489	10/8/01	GW07791RG	FLUORIDE	REAL	TR1	0.5	MG/L		V1	0.03	1	4	Plume Definition

Location	Sample Date	Sample #	Analyte	QC Type	Result Type	Result	Units	Lab Qual	Valid-ation	Detect Limit	Dilu-tion	Tier II	IMP Well Class
18199	10/29/01	GW07830RG	NITRATE	REAL	TR1	0.94	MG/L		V1	0.02	1	10	Plume Degradation
18399	10/29/01	GW07826RG	NITRATE	REAL	TR1	3.8	MG/L		V1	0.02	1	10	Plume Degradation
18499	10/30/01	GW07827RG	NITRATE	REAL	TR1	0.5	MG/L	U	V1	0.02	1	10	Plume Degradation
18799	10/30/01	GW07828RG	NITRATE	REAL	TR1	2.3	MG/L		V1	0.02	1	10	Plume Degradation
21098	11/1/01	GW07829RG	NITRATE	REAL	TR1	2	MG/L		V1	0.02	1	10	Plume Degradation
00100	11/15/01	GW07855RG	NITRATE/NITRITE	REAL	TR1	3.4	MG/L		V1	0.021	1	10	D&D Bldg 779
00100	11/15/01	GW07856RG	NITRATE/NITRITE	DUP	TR1	3.6	MG/L		V1	0.021	1	10	D&D Bldg 779
00100	11/15/01	GW07857RG	NITRATE/NITRITE	RNS	TR1	0.031	MG/L	B	V1	0.021	1	10	D&D Bldg 779
00400	11/27/01	GW07848RG	NITRATE/NITRITE	REAL	TR1	2.4	MG/L		V1	0.021	1	10	D&D Bldg 776/777
00500	11/12/01	GW07849RG	NITRATE/NITRITE	REAL	TR1	0.16	MG/L		V1	0.021	1	10	D&D Bldg 776/777
00600	11/15/01	GW07850RG	NITRATE/NITRITE	REAL	TR1	0.057	MG/L		V1	0.021	1	10	D&D Bldg 776/777
00600	11/15/01	GW07851RG	NITRATE/NITRITE	DUP	TR1	0.058	MG/L		V1	0.021	1	10	D&D Bldg 776/777
00600	11/15/01	GW07852RG	NITRATE/NITRITE	RNS	TR1	0.048	MG/L	B	V1	0.021	1	10	D&D Bldg 776/777
00700	11/14/01	GW07853RG	NITRATE/NITRITE	REAL	TR1	1.4	MG/L		V1	0.021	1	10	D&D Bldg 776/777
00897	10/5/01	GW07775RG	NITRATE/NITRITE	REAL	TR1	3.2	MG/L		V1	0.021	1	10	Perf Monitoring
02291	10/11/01	GW07776RG	NITRATE/NITRITE	REAL	TR1	5.5	MG/L		V1	0.021	1	10	Perf Monitoring
02291	10/11/01	GW07777RG	NITRATE/NITRITE	DUP	TR1	5.6	MG/L		V1	0.021	1	10	Perf Monitoring
02291	10/11/01	GW07778RG	NITRATE/NITRITE	RNS	TR1	0.13	MG/L		V1	0.021	1	10	Perf Monitoring
02497	11/29/01	GW07862RG	NITRATE/NITRITE	REAL	TR1	3.3	MG/L		V1	0.021	1	10	D&D Bldg 779
02500	10/23/01	GW07858RG	NITRATE/NITRITE	REAL	DL1	15.7	MG/L		V1	0.1	5	10	D&D Bldg 779
02500	10/23/01	GW07859RG	NITRATE/NITRITE	DUP	DL1	15.6	MG/L		V1	0.1	5	10	D&D Bldg 779
02500	10/23/01	GW07860RG	NITRATE/NITRITE	RNS	TR1	0.05	MG/L	U	V1	0.021	1	10	D&D Bldg 779
11891	10/5/01	GW07784RG	NITRATE/NITRITE	REAL	TR1	5.2	MG/L		V1	0.021	1	10	Perf Monitoring
11891	10/5/01	GW07785RG	NITRATE/NITRITE	RNS	TR1	0.053	MG/L		V1	0.021	1	10	Perf Monitoring
12191	10/18/01	GW07786RG	NITRATE/NITRITE	REAL	TR1	6.6	MG/L		V1	0.021	1	10	Perf Monitoring
1386	10/25/01	GW07812RG	NITRATE/NITRITE	REAL	TR1	0.33	MG/L		V1	0.021	1	10	Plume Extent
1786	10/16/01	GW07813RG	NITRATE/NITRITE	REAL	TR1	7.7	MG/L		V1	0.021	1	10	Plume Extent
1986	10/8/01	GW07779RG	NITRATE/NITRITE	REAL	TR1	0.042	MG/L	B	V1	0.021	1	10	Plume Extent
2186	11/13/01	GW07780RG	NITRATE/NITRITE	REAL	TR1	0.054	MG/L		V1	0.021	1	10	Plume Extent
22796	10/9/01	GW07787RG	NITRATE/NITRITE	REAL	TR1	5.5	MG/L		V1	0.021	1	10	Plume Extent
23296	10/23/01	GW07809RG	NITRATE/NITRITE	REAL	TR1	0.42	MG/L		V1	0.021	1	10	Plume Extent
3586	10/22/01	GW07803RG	NITRATE/NITRITE	REAL	TR1	0.065	MG/L		V1	0.021	1	10	Plume Extent
3687	10/16/01	GW07782RG	NITRATE/NITRITE	REAL	TR1	5.4	MG/L		V1	0.021	1	10	Perf Monitoring
3687	10/16/01	GW07783RG	NITRATE/NITRITE	DUP	TR1	5.6	MG/L		V1	0.021	1	10	Perf Monitoring
37791	12/11/01	GW07884RG	NITRATE/NITRITE	REAL	TR1	1.1	MG/L		V1	0.021	1	10	D&D Bldg 881
37791	12/11/01	GW07888RG	NITRATE/NITRITE	DUP	TR1	1.1	MG/L		V1	0.021	1	10	D&D Bldg 881
37791	12/11/01	GW07889RG	NITRATE/NITRITE	RNS	TR1	0.05	MG/L	U	V1	0.021	1	10	D&D Bldg 881
55901	12/19/01	GW07871RG	NITRATE/NITRITE	REAL	TR1	5.8	MG/L		V	0.021	1	10	D&D Bldg 559
56201	12/26/01	GW07876RG	NITRATE/NITRITE	REAL	TR1	3.7	MG/L		V	0.021	1	10	D&D Bldg 559
56301	12/12/01	GW07877RG	NITRATE/NITRITE	REAL	TR1	2	MG/L		V1	0.021	1	10	D&D Bldg 559
5887	10/9/01	GW07815RG	NITRATE/NITRITE	REAL	TR1	3.3	MG/L		V1	0.021	1	10	RCRA
61099	12/13/01	GW07892RG	NITRATE/NITRITE	REAL	TR1	5.9	MG/L		V1	0.021	1	10	D&D Bldg 883
61199	12/11/01	GW07891RG	NITRATE/NITRITE	REAL	TR1	4.9	MG/L		V1	0.021	1	10	D&D Bldg 883
70193	10/11/01	GW07818RG	NITRATE/NITRITE	REAL	TR1	2.9	MG/L		V1	0.021	1	10	RCRA
70393	10/10/01	GW07819RG	NITRATE/NITRITE	REAL	TR1	5.2	MG/L		V1	0.021	1	10	RCRA
70493	10/17/01	GW07820RG	NITRATE/NITRITE	REAL	TR1	2.6	MG/L		V1	0.021	1	10	RCRA
83101	12/10/01	GW07893RG	NITRATE/NITRITE	REAL	TR1	4	MG/L		V1	0.021	1	10	D&D Bldg 883/881
83201	12/13/01	GW07894RG	NITRATE/NITRITE	REAL	TR1	0.56	MG/L		V1	0.021	1	10	D&D Bldg 883
86501	11/20/01	GW07879RG	NITRATE/NITRITE	REAL	TR1	0.43	MG/L		V1	0.021	1	10	D&D Bldg 865
86601	11/27/01	GW07880RG	NITRATE/NITRITE	REAL	TR1	0.05	MG/L	U	V1	0.021	1	10	D&D Bldg 865
99301	12/6/01	GW07897RG	NITRATE/NITRITE	REAL	TR1	0.23	MG/L		V1	0.021	1	10	D&D Bldg 991
B206989	10/9/01	GW07821RG	NITRATE/NITRITE	REAL	DL1	31.4	MG/L		V1	0.1	5	10	RCRA
B208789	10/5/01	GW07789RG	NITRATE/NITRITE	REAL	TR1	0.37	MG/L		V1	0.021	1	10	Plume Extent
BS-865-2	12/13/01	SW07911RG	NITRATE/NITRITE	REAL	TR1	6.7	MG/L		V1	0.021	1	10	D&D Bldg 865
FD-559-561	12/13/01	SW07878RG	NITRATE/NITRITE	REAL	TR1	3.8	MG/L		V1	0.021	1	10	D&D Bldg 559-561
P209489	10/5/01	GW07791RG	NITRATE/NITRITE	REAL	DL1	186	MG/L		V1	2.1	100	10	Plume Definition
P219089	11/7/01	GW07839RG	NITRATE/NITRITE	REAL	TR1	1.6	MG/L		V	0.021	1	10	D&D Bldg 771

Location	Sample Date	Sample #	Analyte	QC Type	Result Type	Result	Units	Lab Qual	Valid-ation	Detect Limit	Dilu-tion	Tier II	IMP Well Class
P219189	10/25/01	GW07793RG	NITRATE/NITRITE	REAL	TR1	0.44	MG/L		V1	0.021	1	10	Plume Definition
P219489	11/6/01	GW07794RG	NITRATE/NITRITE	REAL	DL1	36.1	MG/L		V	0.21	10	10	Plume Extent
P416689	12/4/01	GW07795RG	NITRATE/NITRITE	REAL	TR1	3.1	MG/L		V1	0.021	1	10	Plume Extent
P416789	12/5/01	GW07796RG	NITRATE/NITRITE	REAL	TR1	6.7	MG/L		V1	0.021	1	10	Plume Definition
P416889	11/13/01	GW07797RG	NITRATE/NITRITE	REAL	TR1	6.3	MG/L		V1	0.021	1	10	Plume Definition
SW13494	12/12/01	SW07890RG	NITRATE/NITRITE	REAL	TR1	5.4	MG/L		V1	0.021	1	10	Perf Monitoring
37791	12/12/01	GW07884RG	PETROLEUM HYDROCARBONS, T. RECOV.	REAL	TR1	1	MG/L	U	V1	0.36	1		D&D Bldg 881
37791	12/12/01	GW07888RG	PETROLEUM HYDROCARBONS, T. RECOV.	DUP	TR1	1	MG/L	U	V1	0.36	1		D&D Bldg 881
37791	12/12/01	GW07889RG	PETROLEUM HYDROCARBONS, T. RECOV.	RNS	TR1	1	MG/L	U	V1	0.36	1		D&D Bldg 881
61099	12/18/01	GW07892RG	PETROLEUM HYDROCARBONS, T. RECOV.	REAL	TR1	2.8	MG/L		J	0.36	1		D&D Bldg 883
61199	12/11/01	GW07891RG	PETROLEUM HYDROCARBONS, T. RECOV.	REAL	TR1	1	MG/L	U	V1	0.36	1		D&D Bldg 883
83101	12/13/01	GW07893RG	PETROLEUM HYDROCARBONS, T. RECOV.	REAL	TR1	1	MG/L	U	V1	0.36	1		D&D Bldg 883/881
83201	12/26/01	GW07894RG	PETROLEUM HYDROCARBONS, T. RECOV.	REAL	TR1	3.4	MG/L		J	0.36	1		D&D Bldg 883
SW13494	12/13/01	SW07890RG	PETROLEUM HYDROCARBONS, T. RECOV.	REAL	TR1	1	MG/L	U	V1	0.36	1		Perf Monitoring
SW13494	12/12/01	SW07890RG	PETROLEUM HYDROCARBONS, T. RECOV.	REAL	TR1	1	MG/L	U	V1	0.36	1		Perf Monitoring
1386	11/1/01	GW07812RG	SULFATE	REAL	DL1	134	MG/L		V	0.5	5	500	Plume Extent
1786	10/16/01	GW07813RG	SULFATE	REAL	DL1	388	MG/L		V1	1	10	500	Plume Extent
18199	10/29/01	GW07830RG	SULFATE	REAL	TR1	24.2	MG/L		V1	0.1	1	500	Plume Degradation
18399	10/29/01	GW07826RG	SULFATE	REAL	TR1	38.7	MG/L		V1	0.1	1	500	Plume Degradation
18499	10/30/01	GW07827RG	SULFATE	REAL	TR1	30.6	MG/L		V1	0.1	1	500	Plume Degradation
18799	10/30/01	GW07828RG	SULFATE	REAL	TR1	41.8	MG/L		V1	0.1	1	500	Plume Degradation
21098	11/1/01	GW07829RG	SULFATE	REAL	TR1	24.3	MG/L		V1	0.1	1	500	Plume Degradation
5887	10/9/01	GW07815RG	SULFATE	REAL	TR1	27.4	MG/L		V1	0.1	1	500	RCRA
70193	10/11/01	GW07818RG	SULFATE	REAL	TR1	22.5	MG/L		V1	0.1	1	500	RCRA
70393	10/10/01	GW07819RG	SULFATE	REAL	TR1	30.5	MG/L		V1	0.1	1	500	RCRA
70493	10/17/01	GW07820RG	SULFATE	REAL	TR1	14.9	MG/L		V1	0.1	1	500	RCRA
B206989	10/22/01	GW07821RG	SULFATE	REAL	DL1	2760	MG/L		V1	10	100	500	RCRA
B208789	10/10/01	GW07789RG	SULFATE	REAL	DL1	87.5	MG/L		V1	0.5	5	500	Plume Extent
P209489	10/8/01	GW07791RG	SULFATE	REAL	DL1	66.6	MG/L		V1	0.5	5	500	Plume Definition
18199	10/29/01	GW07830RG	SULFIDE	REAL	TR1	0.009	MG/L	BN	R1	0.002	1		Plume Degradation
18399	11/1/01	GW07826RG	SULFIDE	REAL	TR1	0.083	MG/L	N	J1	0.001	1		Plume Degradation
18499	10/30/01	GW07827RG	SULFIDE	REAL	TR1	0.035	MG/L	N	R1	0.002	1		Plume Degradation
18799	10/30/01	GW07828RG	SULFIDE	REAL	TR1	0.029	MG/L	N	R1	0.002	1		Plume Degradation
21098	11/1/01	GW07829RG	SULFIDE	REAL	TR1	0.14	MG/L	N	R1	0.01	5		Plume Degradation
18199	10/29/01	GW07830RG	TOTAL ORGANIC CARBON	REAL	TR1	3.2	MG/L		V1	0.37	1		Plume Degradation
18399	11/1/01	GW07826RG	TOTAL ORGANIC CARBON	REAL	TR1	1.9	MG/L		J	0.37	1		Plume Degradation
18499	10/30/01	GW07827RG	TOTAL ORGANIC CARBON	REAL	TR1	4.5	MG/L		V1	0.37	1		Plume Degradation
18799	10/30/01	GW07828RG	TOTAL ORGANIC CARBON	REAL	TR1	2.1	MG/L		UJ1	0.37	1		Plume Degradation
21098	11/1/01	GW07829RG	TOTAL ORGANIC CARBON	REAL	TR1	2.1	MG/L		UJ1	0.37	1		Plume Degradation
00100	11/15/01	GW07855RG	TOTAL DISSOLVED SOLIDS	REAL	DL1	396	MG/L		V1	9.6	2		D&D Bldg 779
00100	11/15/01	GW07856RG	TOTAL DISSOLVED SOLIDS	DUP	DL1	414	MG/L		V1	9.6	2		D&D Bldg 779
00100	11/15/01	GW07857RG	TOTAL DISSOLVED SOLIDS	RNS	TR1	10	MG/L	U	V1	4.8	1		D&D Bldg 779
00200	11/29/01	GW07842RG	TOTAL DISSOLVED SOLIDS	REAL	TR1	173	MG/L		V1	4.8	1		D&D Bldg 707
00400	11/27/01	GW07848RG	TOTAL DISSOLVED SOLIDS	REAL	TR1	227	MG/L		V1	4.8	1		D&D Bldg 776/777
00500	11/12/01	GW07849RG	TOTAL DISSOLVED SOLIDS	REAL	TR1	509	MG/L		V1	4.8	1		D&D Bldg 776/777
00700	11/14/01	GW07853RG	TOTAL DISSOLVED SOLIDS	REAL	TR1	368	MG/L		V1	4.8	1		D&D Bldg 776/777
00897	10/5/01	GW07775RG	TOTAL DISSOLVED SOLIDS	REAL	TR1	439	MG/L		V1	4.8	1		Perf Monitoring
02291	10/11/01	GW07776RG	TOTAL DISSOLVED SOLIDS	REAL	TR1	396	MG/L		V1	4.8	1		Perf Monitoring
02291	10/11/01	GW07777RG	TOTAL DISSOLVED SOLIDS	DUP	TR1	400	MG/L		V1	4.8	1		Perf Monitoring
02291	10/11/01	GW07778RG	TOTAL DISSOLVED SOLIDS	RNS	TR1	10	MG/L	U	V1	4.8	1		Perf Monitoring
02500	10/23/01	GW07858RG	TOTAL DISSOLVED SOLIDS	REAL	TR1	977	MG/L		V1	4.8	1		D&D Bldg 779
02500	10/23/01	GW07859RG	TOTAL DISSOLVED SOLIDS	DUP	TR1	974	MG/L		V1	4.8	1		D&D Bldg 779
02500	10/23/01	GW07860RG	TOTAL DISSOLVED SOLIDS	RNS	TR1	10	MG/L	U	V1	4.8	1		D&D Bldg 779
11891	10/5/01	GW07784RG	TOTAL DISSOLVED SOLIDS	REAL	TR1	513	MG/L		V1	4.8	1		Perf Monitoring
11891	10/5/01	GW07785RG	TOTAL DISSOLVED SOLIDS	RNS	TR1	10	MG/L	U	V1	4.8	1		Perf Monitoring
12191	10/18/01	GW07786RG	TOTAL DISSOLVED SOLIDS	REAL	TR1	575	MG/L		V1	4.8	1		Perf Monitoring
1386	11/1/01	GW07812RG	TOTAL DISSOLVED SOLIDS	REAL	TR1	1270	MG/L		V	4.8	1		Plume Extent

Location	Sample Date	Sample #	Analyte	QC Type	Result Type	Result	Units	Lab Qual	Validation	Detect Limit	Dilution	Tier II	IMP Well Class
1786	10/16/01	GW07813RG	TOTAL DISSOLVED SOLIDS	REAL	DL1	3570	MG/L		V1	9.6	2		Plume Extent
18199	10/29/01	GW07830RG	TOTAL DISSOLVED SOLIDS	REAL	TR1	373	MG/L		V1	4.8	1		Plume Degradation
18399	11/1/01	GW07826RG	TOTAL DISSOLVED SOLIDS	REAL	TR1	752	MG/L		V	4.8	1		Plume Degradation
18499	10/30/01	GW07827RG	TOTAL DISSOLVED SOLIDS	REAL	TR1	575	MG/L		V1	4.8	1		Plume Degradation
18799	10/30/01	GW07828RG	TOTAL DISSOLVED SOLIDS	REAL	TR1	677	MG/L		V1	4.8	1		Plume Degradation
1986	10/8/01	GW07779RG	TOTAL DISSOLVED SOLIDS	REAL	TR1	1430	MG/L		V1	4.8	1		Plume Extent
21098	11/1/01	GW07829RG	TOTAL DISSOLVED SOLIDS	REAL	TR1	755	MG/L		V	4.8	1		Plume Degradation
2186	11/13/01	GW07780RG	TOTAL DISSOLVED SOLIDS	REAL	TR1	223	MG/L		V1	4.8	1		Plume Extent
22796	10/9/01	GW07787RG	TOTAL DISSOLVED SOLIDS	REAL	DL1	3340	MG/L		V1	9.6	2		Plume Extent
23296	10/23/01	GW07809RG	TOTAL DISSOLVED SOLIDS	REAL	TR1	816	MG/L		V1	4.8	1		Plume Extent
3586	10/22/01	GW07803RG	TOTAL DISSOLVED SOLIDS	REAL	TR1	1130	MG/L		V1	4.8	1		Plume Extent
3687	10/16/01	GW07782RG	TOTAL DISSOLVED SOLIDS	REAL	TR1	500	MG/L		V1	4.8	1		Perf Monitoring
3687	10/16/01	GW07783RG	TOTAL DISSOLVED SOLIDS	DUP	TR1	490	MG/L		V1	4.8	1		Perf Monitoring
37791	12/12/01	GW07884RG	TOTAL DISSOLVED SOLIDS	REAL	TR1	789	MG/L		V1	4.8	1		D&D Bldg 881
37791	12/12/01	GW07888RG	TOTAL DISSOLVED SOLIDS	DUP	TR1	786	MG/L		V1	4.8	1		D&D Bldg 881
37791	12/12/01	GW07889RG	TOTAL DISSOLVED SOLIDS	RNS	TR1	9	MG/L	B	V1	4.8	1		D&D Bldg 881
55901	12/26/01	GW07871RG	TOTAL DISSOLVED SOLIDS	REAL	TR1	551	MG/L		V	4.8	1		D&D Bldg 559
56201	12/27/01	GW07876RG	TOTAL DISSOLVED SOLIDS	REAL	TR1	371	MG/L		V	4.8	1		D&D Bldg 559
56301	12/14/01	GW07877RG	TOTAL DISSOLVED SOLIDS	REAL	TR1	443	MG/L		V1	4.8	1		D&D Bldg 559
5887	10/9/01	GW07815RG	TOTAL DISSOLVED SOLIDS	REAL	TR1	163	MG/L		V1	4.8	1		RCRA
61099	12/26/01	GW07892RG	TOTAL DISSOLVED SOLIDS	REAL	TR1	471	MG/L		V	4.8	1		D&D Bldg 883
61199	12/12/01	GW07891RG	TOTAL DISSOLVED SOLIDS	REAL	DL1	948	MG/L		V1	19.2	4		D&D Bldg 883
70193	10/11/01	GW07818RG	TOTAL DISSOLVED SOLIDS	REAL	TR1	203	MG/L		V1	4.8	1		RCRA
70393	10/10/01	GW07819RG	TOTAL DISSOLVED SOLIDS	REAL	TR1	171	MG/L		V1	4.8	1		RCRA
70493	10/17/01	GW07820RG	TOTAL DISSOLVED SOLIDS	REAL	TR1	201	MG/L		V1	4.8	1		RCRA
83101	12/13/01	GW07893RG	TOTAL DISSOLVED SOLIDS	REAL	TR1	1150	MG/L		V1	4.8	1		D&D Bldg 883/881
83201	12/27/01	GW07894RG	TOTAL DISSOLVED SOLIDS	REAL	DL1	6520	MG/L		V	9.6	2		D&D Bldg 883
86501	12/12/01	GW07879RG	TOTAL DISSOLVED SOLIDS	REAL	TR1	830	MG/L		V1	4.8	1		D&D Bldg 865
891COLWEL	12/17/01	GW07823RG	TOTAL DISSOLVED SOLIDS	REAL	TR1	1120	MG/L		V1	4.8	1		Perf Monitoring
99301	12/12/01	GW07897RG	TOTAL DISSOLVED SOLIDS	REAL	TR1	1030	MG/L		V1	4.8	1		D&D Bldg 991
B206989	10/22/01	GW07821RG	TOTAL DISSOLVED SOLIDS	REAL	DL1	5170	MG/L		V1	9.6	2		RCRA
B208789	10/10/01	GW07789RG	TOTAL DISSOLVED SOLIDS	REAL	TR1	1770	MG/L		V1	4.8	1		Plume Extent
BS-865-2	12/13/01	SW07911RG	TOTAL DISSOLVED SOLIDS	REAL	TR1	509	MG/L		V1	4.8	1		D&D Bldg 865
FD-559-561	12/13/01	SW07878RG	TOTAL DISSOLVED SOLIDS	REAL	TR1	637	MG/L		V1	4.8	1		D&D Bldg 559-561
P209489	10/8/01	GW07791RG	TOTAL DISSOLVED SOLIDS	REAL	TR1	1680	MG/L		V1	4.8	1		Plume Definition
P218089	11/29/01	GW07841RG	TOTAL DISSOLVED SOLIDS	REAL	TR1	440	MG/L		V1	4.8	1		D&D Bldg 707
P219089	11/7/01	GW07839RG	TOTAL DISSOLVED SOLIDS	REAL	TR1	615	MG/L		V	4.8	1		D&D Bldg 771
P416689	12/4/01	GW07795RG	TOTAL DISSOLVED SOLIDS	REAL	TR1	467	MG/L		V1	4.8	1		Plume Extent
P416889	11/13/01	GW07797RG	TOTAL DISSOLVED SOLIDS	REAL	TR1	422	MG/L		V1	4.8	1		Plume Definition
SW13494	12/12/01	SW07890RG	TOTAL DISSOLVED SOLIDS	REAL	TR1	673	MG/L		V1	4.8	1		Perf Monitoring

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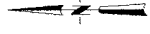
Figure 1A

Regulatory Required  
Buffer Zone  
Groundwater Monitoring Wells  
Selected VOC & Nitrate Plumes  
Fourth Quarter, 2001  
Reportable Sample Analyses

- EXPLANATION**
- IMP Wells Not Sampled This Quarter
  - IMP Wells Sampled/Visited This Quarter
  - IMP Wells With Reportable Tier II Sample Analyses
  - Composite VOC Groundwater Plume (100 X MCL)
  - Composite VOC Groundwater Plume (concentration equal to MCL)
  - 100 x Nitrate Standard (1000 mg/l)
  - Nitrate Standard (10 mg/l)

- Standard Map Features**
- Buildings and other structures
  - Solar Evaporation Ponds (SEPs)
  - Lakes and ponds
  - Streams, ditches, or other drainage features
  - Fences and other barriers
  - Rocky Flats boundary
  - Paved roads
  - Dirt roads

**DATA SOURCE BASE FEATURES:**  
Buildings, fences, hydrography, roads and other structures from 1994 aerial fly-over data captured by Ed&G RSL, Las Vegas. Digitized from the orthophotographs, 1/95



Scale = 1 : 14310  
1 inch represents approximately 1193 feet



State Plane Coordinate Projection  
Colorado Central Zone  
Datum: NAD27

U.S. Department of Energy  
Rocky Flats Environmental Technology Site

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See Figure 1B for Industrial Area inset map



Figure 1B

Regulatory Required  
Industrial Area  
Groundwater Monitoring Wells  
Selected VOC & Nitrate Plumes  
Fourth Quarter, 2001  
Reportable Sample Analyses

EXPLANATION

- IMP Wells Not Sampled This Quarter
- IMP Wells Sampled/Visited This Quarter
- IMP Wells With Reportable  
Tier II Sample Analyses
- Composite VOC Groundwater Plume  
(100 X MCL)
- Composite VOC Groundwater Plume  
(concentration equal to MCL)
- 100 x Nitrate Standard (1000 mg/l)
- Nitrate Standard (10 mg/l)

Standard Map Features

- Buildings and other structures
- Solar Evaporation Ponds (SEPs)
- Lakes and ponds
- Streams, ditches, or other  
drainage features
- Fences and other barriers
- Rocky Flats boundary
- Paved roads
- Dirt roads

DATA SOURCE BASE FEATURES:  
Buildings, fences, hydrography, roads and other  
structures from 1992 aerial photo over data  
collected by ES&S, Inc. and digitized by  
ES&S, Inc. from the orthorectified 1/95  
aerial photograph.



Scale = 1 : 8340  
1 inch represents 835 feet



State Plane Coordinate Projection  
Colorado Central Zone  
Datum: NAD27

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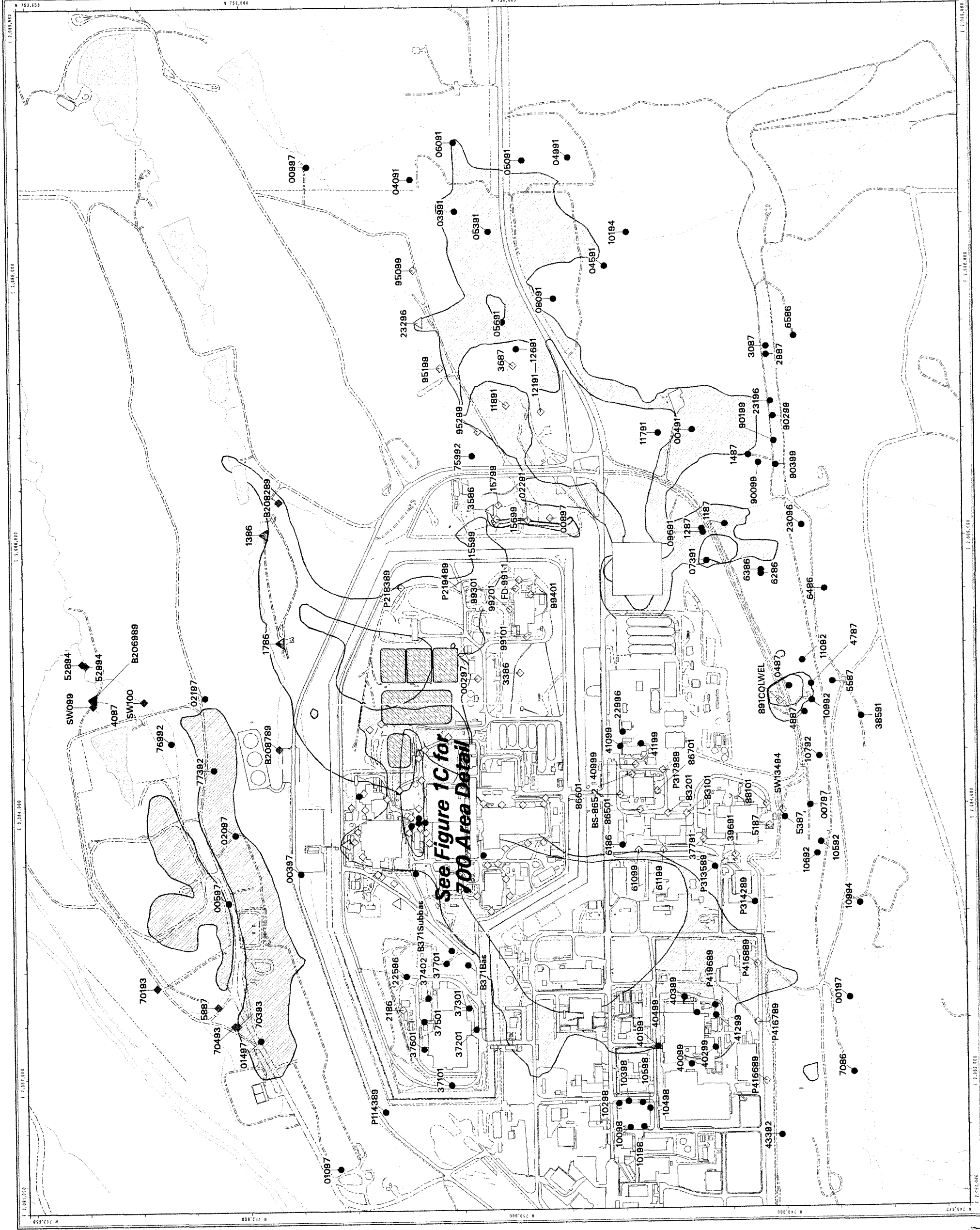


Figure 1C

Regulatory Required  
700 Area Detail  
Groundwater Monitoring Wells  
Selected VOC & Nitrate Plumes  
Fourth Quarter, 2001  
Reportable Sample Analyses

- EXPLANATION**
- IMP Wells Not Sampled This Quarter
  - IMP Wells Sampled/Visited This Quarter
  - IMP Wells With Reportable Tier II Sample Analyses
  - Composite VOC Groundwater Plume (100 X MCL)
  - Composite VOC Groundwater Plume (concentration equal to MCL)
  - 100 x Nitrate Standard (1000 mg/l)
  - Nitrate Standard (10 mg/l)
- Standard Map Features**
- Buildings and other structures
  - Solar Evaporation Ponds (SEPs)
  - Lakes and ponds
  - Streams, ditches, or other drainage features
  - Fences and other barriers
  - Rocky Flats boundary
  - Paved roads
  - Dirt roads

**DATA SOURCE BASE FEATURES:**  
Buildings, fences, hydrography, roads and other structures from 1954 aerial fly-over data captured by EG&G RSL, Las Vegas.  
Digitized from the orthophotographs, 1/95



Scale = 1 : 2080  
1 inch represents approximately 173 feet



State Plane Coordinate Projection  
Colorado Central Zone  
Datum: NAD27

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